

DELIVERY ORDER REQUEST FOR PROPOSALS FOR JOC CONTRACT No. 2019011 .01 - .04

DORFP NO. 4

FARALLON WATER CAMPUS IRRIGATION CANAL IMPROVEMENTS

IN BUCKEYE ARIZONA

CONTACT PERSON

Debby Fasano, Contracting Officer Finance Department 623.349.6174

DFasano@buckeyeaz.gov

SCHEDULE OF EVENTS

| Date Issued DORFP: | August 10, 2022 |
|---------------------------|---|
| Pre-Submittal Conference: | August 17, 2022 at 1:00 PM local time |
| Last Day for Questions: | August 26 2022, no later than 5:00 PM local time |
| DORFP Due Date: | September 7, 2022 no later than 10:00 AM local time |

DELIVERY ORDER RFP TABLE OF CONTENTS

| SECTION | DESCRIPTION | PAGE |
|-------------|----------------------------------|------|
| SECTION I | GENERAL INFORMATION | 3 |
| SECTION II | PROPOSAL SUBMISSION REQUIREMENTS | 4 |
| SECTION III | EVALUATION PROCESS | 5 |

EXHIBITS

- A PROPOSAL SUBMISSION SHEET 1
- **B** SURETY BOND
- **C** PLANS

SECTION I – GENERAL INFORMATION

This Delivery Order Request for Proposal (DORFP) is provided to all contractors under the Job Order Contracts 2019011 .01 - .04 for Broadway Road Reach Line (the "Contract"). Any awarded Delivery Order arising from this DORFP will be in strict conformance to the terms and conditions specified in the Contract.

This document will provide directions to those contractors awarded the subject Job Order Contract and provide information to those Contractors on how to prepare and submit your price proposals, and how those proposals will be evaluated. Each of the Job Order Contractors will be asked to provide project costs and schedules.

Proposals will be submitted <u>electronically</u> **no later than 10:00 AM, local time on September 7, 2022** to dfasano@buckeyeaz.gov.

Scope of Work:

Contractor to furnish all labor, materials, equipment and services to relocate tail water canal from north side of property to the west and south. Underground to RID with headwall and gate more particularly defined in Exhibit C, Plans, attached hereto.

Location of the Project: 5320 South Rooks Road, Buckeye, AZ 85326 (A portion of Section 25, Township 01 North, Range 04 West Salt River baseline and meridian, Maricopa County, Arizona.)

Due to the nature of this JOC DORFP, Proposals will not be opened publicly or read aloud by the City Clerk.

All contractors engaged in City of Buckeye construction shall be licensed in the State of Arizona.

The Delivery Order will be awarded to the JOC Contractor whose proposal is the lowest cost to the City and meets the required construction schedule. The City desires that all permitting be completed prior to the Roosevelt Irrigation District dry up and construction work be completed during the dry up from November 7, 2022 to November 11, 2022 following issuance of the Notice to Proceed to the successful proposer.

After receiving all price proposals, the City will enter into a Delivery Order contract with the selected JOC Contractor. The final executed contract documents will include, by reference, the Job Order Contract, this Delivery Order Request for Proposal (DORFP), the successful proposer's price proposal, the results of any negotiations, additional contract language, and signature pages.

The successful proposer is expected to enter into the standard form of agreement for Delivery Order Services. The Delivery Order terms and conditions are included in your Job Order Contract and Specifications associated with this Delivery Order.

Any doubt as to the requirements of this DORFP, or any apparent omission or discrepancy should be submitted in writing to Debby Fasano, Contracting Officer at dfasano@buckeyeaz.gov. The City's representative will then determine the appropriate action. If necessary, the City's representative will issue a written amendment to the DORFP. Oral statements or instructions shall not constitute an amendment to this DORFP.

A Pre-submittal conference will be held utilizing Microsoft Teams on August 17, 2022 local time at 1:00 PM. The meeting link can be accessed by clicking the link provided on the City's website under Open Solicitations and the webpage for this solicitation as follows:

https://www.buckeyeaz.gov/business/open-solicitations/joc-contractors-only/-folder-2444

Please attempt to access the meeting prior to the scheduled meeting time to identify any access issues. Attendance at this meeting is highly recommended since vital information necessary to the understanding of the Project and the selection process will be discussed. This meeting will be recorded using Microsoft Teams and posted to the City's website following the meeting. All attendees will be muted during the presentation. It is encouraged to post questions within the chat function of Microsoft Teams as they come up so they can be addressed during the meeting.

SECTION II – PROPOSAL SUBMISSION REQUIREMENTS

Proposals shall be emailed to <u>dfasano@buckeyeaz.gov</u> on or before **10:00 AM, local time, August 31, 2022.** No public disclosure will be made until after award of the contract.

A tentative schedule should be included with your price proposal.

Subject of email shall read: Farallon Canal (Company Name). All documents required as part of the price proposal shall be completed, scanned as a .pdf, and added as an attachment to the email submittal. The .pdf shall have the title as the name of the company submitting the bid.

The Contractor assumes the responsibility for having the bid submitted on time via email to the address shown above. Any price proposal received after the Due Date and Time shall not be considered and will be returned to the Contractor. The Contractor assumes the risk of any delay in the electronic processing of the Contractor's email through both parties (Contractor and City) network. Contractors must allow adequate time to ensure that the emails are timely received by the City at the designated email address. All time referenced are Buckeye, Arizona local times. Contractors agree to accept the time and date that is recorded on the received email as the official time. Any emails submission that are 10:01 AM or later on the scheduled due date will be considered late and therefore, returned to sender.

PROPOSAL: All price proposals must be submitted using Exhibit A.

You may withdraw your proposal at any time prior to the time and date set for closing. Proposals withdrawn after opening but prior to award may be withdrawn in accordance with the City of Buckeye Procurement Code.

The City reserves the right to conduct discussions with individual JOC Contractors, to accept revisions of proposals, and to negotiate price changes. During this discussion period, the City will not disclose any information derived from proposals submitted, or from discussions with other proposers. Once an award is made, the DORFP file, and the proposals contained therein, are in the public record and will be disclosed upon request.

If you are submitting any information you consider proprietary, you must place it in a separate envelope and mark it "Proprietary Information". If the Procurement Officer agrees, this information will not be considered

public information. The City Manager is the final authority as to the extent of material, which is considered proprietary or confidential. Pricing information cannot be considered proprietary.

Your proposal should be submitted in the format shown below. Proposals in any other format will be considered informal and may be rejected. Conditional proposals will not be considered. An individual authorized who executed the original JOC Contract must sign all proposals. Proposals that are not signed may be rejected.

The City reserves the right to reject any or all proposals or any part thereof, or to accept any proposal, or any part thereof, or to withhold the award and to waive or decline to waive irregularities in any proposal when it determines that it is in its best interest to do so. The City also reserves the right to hold all proposals for a period of 60 days after the closing date of this DORFP.

All JOC Contractors submitting a proposal shall be deemed to have read and understood all the terms, conditions and requirements in the specifications/scope of work.

All responses and accompanying documentation will become the property of the City at the time the proposals are received.

All formal inquiries or requests for significant or material clarification or interpretation, or notification to the City of errors or omissions relating to this DORFP must be directed, in writing to:

City of Buckeye
530 East Monroe Avenue
Buckeye, AZ 85326
Attn: Debby Fasano
dfasano@buckeyeaz.gov 623.349.6174

All questions must be submitted no later than 5:00 PM, August 26, 2022. The City believes that it can best maintain its reputation for treating all contractors in a fair, honest, and consistent manner by conducting solicitations in good faith and by granting competitors an equal opportunity to win an award. If you feel that we have fallen short of these goals, you may submit a protest pursuant to the Procurement Code of Buckeye.

SECTION III - EVALUATION PROCESS

PROPOSAL: Proposals will be submitted using the PROPOSAL SUBMITTAL SHEETS, Exhibit A.

No electronic proposal will be reviewed unless accompanied by a scanned copy of the proposal guarantee of certified check, cashier's check, or surety bond on the form provided in Exhibit B, in the amount of ten percent (10%) of the proposed design and construction cost.

Line Item Option: Unless the Delivery Order states otherwise, or unless provided within this Delivery Order the City of Buckeye reserves the right to award by individual line item, by group of line items, or as a total, whichever is deemed most advantageous to the City.

EXHIBIT A PROPOSAL SUBMISSION SHEET

PROPOSAL

LUMP SUM PROPOSAL: LUMP SUM PROPOSAL:

| The undersigned proposes to | o complete all of the Work in accordance with said Constr | ruction Documents, |
|---------------------------------|---|---------------------------------|
| Plans, specification and all as | ssociated addenda for the lump sum of Item No. 1-7: | |
| | | Dollars |
| (\$ |). | |
| (Amount shall be shown in b | oth words and figures. In case of discrepancy, the amoun | t shown in words shall govern.) |

| | BASE BID | | | | | | | | |
|----------------------|-------------------------------------|----------|------|-------------|-------------|--|--|--|--|
| Item No. | Item Description | Quantity | Unit | Unit Price | Item Cost | | | | |
| 1 | Mobilization, Bonding and Insurance | 1 | LS | | | | | | |
| 2 | 18" Class V RCP | 120 | LF | | | | | | |
| 3 | Lined Irrigation Canal | 2,000 | LF | | | | | | |
| 4 | MAG 404-3 Concrete Encasement | 2,000 | LF | | | | | | |
| 5 | 12" Class IV RCP | 120 | LF | | | | | | |
| 6 | 12" Sluice Gate | 12 | EA | | | | | | |
| 7 | Owner's Contingency | 1 | LS | \$60,000.00 | \$60,000.00 | | | | |
| BID TOTAL Items 1- 7 | | | | | | | | | |

| Submitted by: | | | | | | | | | | | |
|--------------------------|---------------|------------|---------|-------|--------------|--------|---------|--------|-----------|------|-------|
| SIGNATURE: | | | | | | | | | | | |
| NAME: | | | | | | | | | | | |
| TITLE: | | | | | | | | | | | |
| Principal Office: | | | | | | | | | | | |
| Address: | | | | | | | | | | | |
| Telephone: | | | | | | | | | | | |
| Facsimile: | | | | | | | | | | | |
| M | | being | duly | sworn | deposes | and | says | that | he/she | is | the |
| | of | | | Contr | actor(s), an | d that | answers | to the | foregoing | ques | tions |
| and all statements there | ein containec | l are true | and cor | rect. | | | | | | | |
| Subscribed and sworn b | efore me this | s da | y of | | , 20 | | | | | | |
| Notary Public: | | | | | | | | | | | |
| My Commission Expires | :day | of | | | 20 | | | | | | |
| SIGNATURE: | | | | | | | | | | | |

EXHIBIT B SURETY BOND

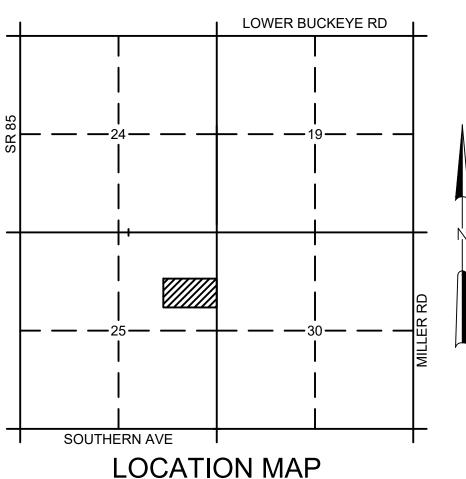
SURETY BOND

| as Principal, and | (Contracto | r's Name) |
|--|--|--|
| Signed this | of Buckeye as OWNER in the penal sum of | for the payment of which, well |
| The Condition of the above obligation is such that whereas the Principal has submitted a certain Bid attached hereto and hereby made a part hereof to enter into a contract in writing, for: JOC DORFP NO. 4; JOC Contract 2019011 .0104 Farallon Water Campus Irrigation Canal. Now, therefore, if the obligee accepts the proposal of the principal and the principal enters into a contract with the obligee in accordance with the terms of the proposal and gives the bonds and certificates of insurance as specified in the standard specifications with good and sufficient surety for the faithful performance of the contract and for the prompt payment of labor and materials furnished in the prosecution of the contract, or in the event of the failure of the principal to enter into the contract and give the bonds and certificates of insurance, if the principal pays to the obligee the difference not to exceed the penalty of the bond between the amount specified in the proposal and such larger amount for which the obligee may in good faith contract with another party to perform the work covered by the proposal then this obligation is void. Otherwise it remains in full force and effect provided, however that this bond is executed pursuant to the provisions of § 34-201, Arizona Revised Statutes, and all liabilities on this bond shall be determined in accordance with the provisions of the section to the extension if it were copied at length herein. IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such or them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above. | and truly to be made, we hereby jointly and sev | verally bind ourselves, successors and assigns. |
| attached hereto and hereby made a part hereof to enter into a contract in writing, for: JOC DORFP NO. 4; JOC Contract 2019011 .0104 Farallon Water Campus Irrigation Canal. Now, therefore, if the obligee accepts the proposal of the principal and the principal enters into a contract with the obligee in accordance with the terms of the proposal and gives the bonds and certificates of insurance as specified in the standard specifications with good and sufficient surety for the faithful performance of the contract and for the prompt payment of labor and materials furnished in the prosecution of the contract, or in the event of the failure of the principal to enter into the contract and give the bonds and certificates of insurance, if the principal pays to the obligee the difference not to exceed the penalty of the bond between the amount specified in the proposal and such larger amount for which the obligee may in good faith contract with another party to perform the work covered by the proposal then this obligation is void. Otherwise it remains in full force and effect provided, however that this bond is executed pursuant to the provisions of § 34-201, Arizona Revised Statutes, and alliabilities on this bond shall be determined in accordance with the provisions of the section to the extens as if it were copied at length herein. IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such or them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above. (L.S.) | Signed this day of, 20 | |
| contract with the obligee in accordance with the terms of the proposal and gives the bonds and certificates of insurance as specified in the standard specifications with good and sufficient surety for the faithful performance of the contract and for the prompt payment of labor and materials furnished in the prosecution of the contract, or in the event of the failure of the principal to enter into the contract and give the bonds and certificates of insurance, if the principal pays to the obligee the difference not to exceed the penalty of the bond between the amount specified in the proposal and such larger amount for which the obligee may in good faith contract with another party to perform the work covered by the proposal then this obligation is void. Otherwise it remains in full force and effect provided, however that this bond is executed pursuant to the provisions of § 34-201, Arizona Revised Statutes, and alliabilities on this bond shall be determined in accordance with the provisions of the section to the extensis if it were copied at length herein. IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above. (L.S.) | attached hereto and hereby made a part hereo | f to enter into a contract in writing, for: JOC DORFP NO. |
| them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above. (L.S.) (Principal) (Name of Surety) By: | contract with the obligee in accordance with certificates of insurance as specified in the state the faithful performance of the contract and for the prosecution of the contract, or in the even and give the bonds and certificates of insurance exceed the penalty of the bond between the after which the obligee may in good faith contract proposal then this obligation is void. Otherwise that this bond is executed pursuant to the puliabilities on this bond shall be determined in accordance with | the terms of the proposal and gives the bonds and andard specifications with good and sufficient surety for the prompt payment of labor and materials furnished in it of the failure of the principal to enter into the contracte, if the principal pays to the obligee the difference not to amount specified in the proposal and such larger amount it with another party to perform the work covered by the se it remains in full force and effect provided, however rovisions of § 34-201, Arizona Revised Statutes, and all |
| (Principal) (Name of Surety) By: | them as are corporations have caused their co | prporate seals to be hereto affixed and these presents to |
| Ву: | | |
| Ву: | | (Name of Surety) |
| | | , |
| | | |

EXHIBIT C PLANS

VICINITY MAP

NOT TO SCALE



FEMA FLOOD ZONE INFORMATION

NOT TO SCALE

| COMMUNITY NUMBER | PANEL # PANEL DATE | SUFFIX | DATE OF FIRM (INDEX DATE) | FIRM ZONE | BASE FLOOD ELEV. (IN AO ZONE, USE DEPTH) | | |
|---|-----------------------|--------|------------------------------|--------------|--|--|--|
| 040030 | 2115 | L | 10/26/2021 | X | N/A | | |
| 040039 | 10/16/2013 | | | | | | |
| ALL FLOOD ZONES ARE SHOWN IN THIS PLAN SET. | | | | | | | |

GENERAL PERMITTING NOTES

- 1. ALL CONSTRUCTION IN THE PUBLIC RIGHTS-OF-WAY OR IN EASEMENTS GRANTED FOR PUBLIC USE MUST CONFORM TO THE LATEST MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) UNIFORM STANDARD SPECIFICATIONS AND UNIFORM STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION AS AMENDED BY THE LATEST VERSION OF THE CITY OF BUCKEYE DESIGN STANDARDS. IF THERE IS A CONFLICT, THE CITY OF
- BUCKEYE STANDARDS WILL GOVERN.

 2. THE APPROVAL OF THE PLANS IS VALID FOR ONE (1) YEAR FROM THE DATE OF THE CITY ENGINEER'S SIGNATURE. IF AN ENCROACHMENT PERMIT FOR THE CONSTRUCTION HAS NOT BEEN ISSUED WITHIN ONE (1) YEAR, THE PLANS MUST BE RESUBMITTED TO THE CITY FOR REAPPROVAL.
- 3. A CITY OF BUCKEYE INSPECTOR WILL INSPECT ALL WORKS WITHIN THE CITY OF BUCKEYE RIGHTS-OF-WAY AND IN EASEMENTS. NOTIFY THE CITY 24 HOURS PRIOR TO THE INSPECTION BY CALLING (623) 349-6248.
- 4. CITY PERMITS ARE REQUIRED FOR ALL WORK IN PUBLIC RIGHTS-OF-WAY AND EASEMENTS GRANTED FOR PUBLIC PURPOSES. A CITY PERMIT WILL BE ISSUED BY THE CITY ONLY AFTER ALL FEES HAVE BEEN PAID AND THE PERMIT HAS AN APPROVED MARICOPA COUNTY ENVIRONMENTAL SERVICES DUST PERMIT AND AN APPROVED STORM WATER POLLUTION PREVENTION PLAN ATTACHED. THE SWPPP SHALL COMPLY
- WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS.

 5. COPIES OF ALL PERMITS AND MOST RECENT APPROVED PLANS MUST BE RETAINED ON-SITE AND BE AVAILABLE FOR INSPECTION AT ALL TIMES. FAILURE TO PRODUCE THE REQUIRED PERMITS AND PLANS WILL RESULT IN IMMEDIATE SUSPENSION OF ALL WORK UNTIL PROPER PERMIT DOCUMENTATION AND/OR PLANS ARE OBTAINED. ALL OF THESE REQUIREMENTS APPLY TO ONSITE GRADING AND IMPROVEMENT PLANS.

UTILITY COMPANIES DATE SUBMITTED

| ELECTRIC | ARIZONA PUBLIC SERVICE | NA |
|------------|-------------------------------|-----------|
| TELEPHONE | CENTURY LINKS | NA |
| CATV | COX COMMUNICATIONS | NA |
| WATER | CITY OF BUCKEYE | NA |
| SEWER | CITY OF BUCKEYE | NA |
| GAS | SOUTHWEST GAS | NA |
| IRRIGATION | ROOSEVELT IRRIGATION DISTRICT | 6/20/2022 |

FARALLON WATER CAMPUS

IRRIGATION CANAL IMPROVEMENTS

A PORTION OF SECTION 25, TOWNSHIP 01N, RANGE 04W OF THE SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.



OVERALL DEVELOPMENT KEY MAP

NOT TO SCALE

SUMMARY OF QUANTITIES

PUBLIC

| ITEM | UNIT | AMOUNT |
|-------------------------------|------|--------|
| 18" CLASS V RCP | LF | 120 |
| LINED IRRIGATION CANAL | LF | 2,000 |
| MAG 404-3 CONCRETE ENCASEMENT | LF | 2,000 |
| 12" CLASS IV RCP | LF | 120 |
| 12" SLUICE GATE | EA | 12 |
| | | |

OWNER

CITY OF BUCKEYE KEVIN HITCHCOCK 530 E. MONROE AVE BUCKEYE, AZ 85326 TEL: 623-349-6225 FAX: 623-349-6221

ENGINEER

HAZEN AND SAWYER
BHASKAR KOLLURI
1400 E. SOUTHERN AVE, SUITE 340
TEMPE, AZ 85282
TEL: 480-417-5662
BKOLLURI@HAZENANDSAWYER.COM

KHITCHCOCK@BUCKEYEAZ.GOV

BASIS OF BEARING

THE BASIS OF BEARING IS THE EAST LINE OF OF SECTION 25, TOWNSHIP 01 NORTH, RANGE 4 WEST OF THE GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA. A BEARING OF NORTH 00 DEGREES 12 MINUTES 47 SECONDS EAST WAS USED

BENCHMARK

BRASS CAP FLUSH

BEING THE SOUTHEAST CORNER OF SECTION 25, T1N, R4W LOCATED IN THE INTERSECTION OF W. SOUTHERN AVE. & S. ROOKS RD. ELEVATION = 928.474 (NAVD 88 DATUM)

TEMPORARY ON-SITE BENCHMARK: $\frac{1}{2}$ " IRON PIN BEING THE EAST QTR. CORNER OF SECTION 25, T1N,

TRON PIN BEING THE EAST QTR. CORNER OF SECTION 25, 111 R4W ELEVATION = 946.33 (NAVD 88 DATUM)

APPROVAL

DISCLAIMER:

THE CITY APPROVES THESE PLANS FOR CONCEPT ONLY AND ACCEPTS NO LIABILITY FOR ERRORS AND OMISSIONS.

MARICOPA COUNTY ENVIRONMENTAL SERVICES DEPARTMENT

AS-BUILT CERTIFICATION

I HEREBY CERTIFY THAT THE "AS - BUILT" INFORMATION SHOWN HEREON WAS OBTAINED UNDER MY DIRECT SUPERVISION AND IS CORRECT AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

ARIZONA REGISTERED LAND SURVEYOR DATE

ARIZONA REGISTRATION NUMBER

TELEPHONE NUMBER

ROOSEVELT IRRIGATION DISTRICT APPROVAL

THE ROOSEVELT IRRIGATION DISTRICT (RID) HAS REVIEWED THESE PLANS SOLELY FOR CONFORMANCE TO RID STANDARDS AND SPECIFICATIONS AS RELATED TO RID IRRIGATION AND/OR DRAINAGE FACILITIES. RID MAKES NO REPRESENTATIONS OR WARRANTIES REGARDING THE SUITABILITY, AND/OR ADEQUACY, OF THE ITEMS BEING CONSTRUCTED TO MEET, FULLY, OR OTHERWISE SATISFY, THEIR INTENDED PURPOSE. RID APPROVES THESE PLANS FOR CONCEPT ONLY AND ACCEPTS NO LIABILITY FOR ERRORS OR OMISSIONS. RID RIGHT-OF-WAY CROSSING PERMIT REQUIRED TO CONSTRUCTION.

BY: ______ROOSEVELT IRRIGATION DISTRICT (RID) DATE

RID PERMIT NUMBER

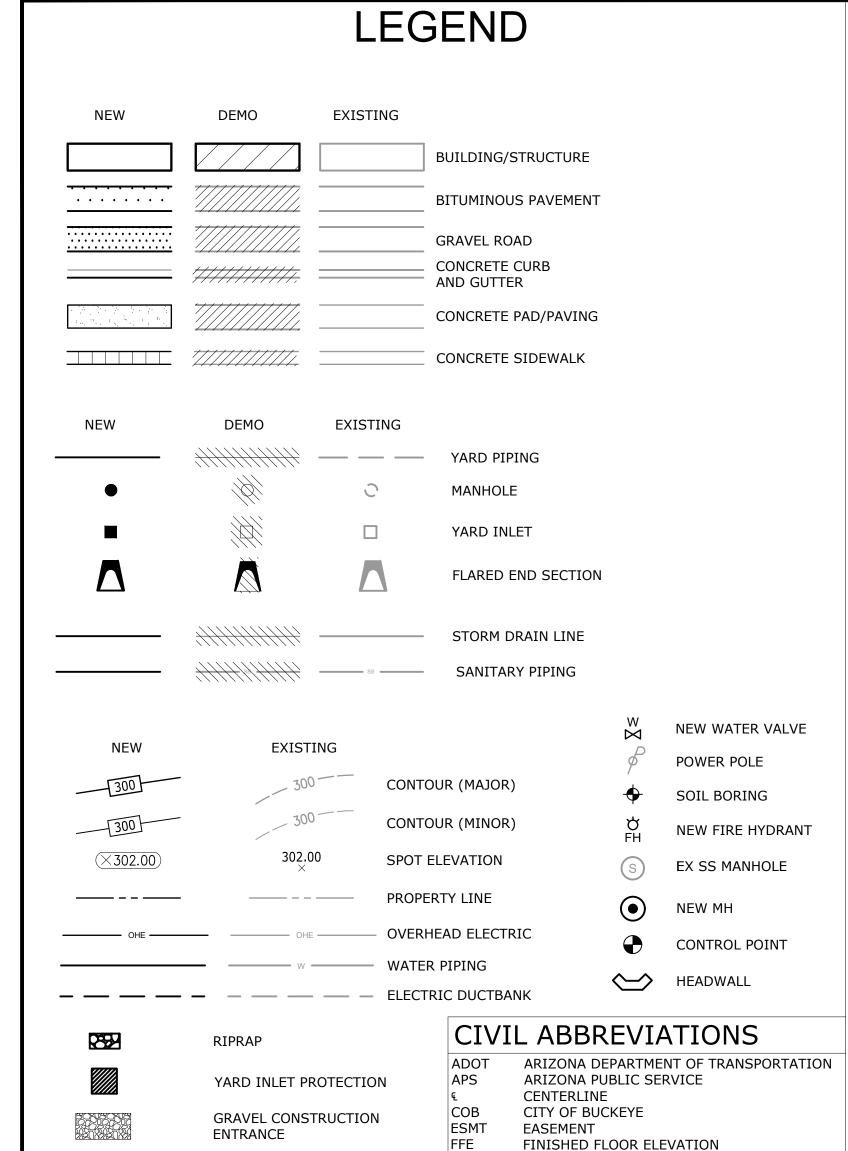
Contact Arizona 311 at least two full working days before you begin exeavation

AR ZONASH

Call 311 or click Arizona 311.com

JIP-22-0011
IP - FarallonRID Fineets: 5
R - FOR R REVISIONS: APPROVED SEAL BHASKAR SAI KOLLURI AS-BUILT SEAL LATEST REVISION DATE DRIGINAL PLAN DATE JULY 2022 SHEET NUMBER 20114-016 G001

Farallon WC Irrigation Canal Impv.



CANAL LINER NOTES

WIDTH OF CANAL ACCESS ROAD PER PLAN. STRIP ROADWAY OF ALL VEGETATION AND LOOSE MATERIAL WITHIN THE LIMITS OF CONTRUCTION AND MOISTEN PRIOR TO PLAEMENT OF SUITABLE FILL MATERIAL. FILL SHALL BE PLACED IN 8 INCH MAXIMUM UNCOMPACTED LIFTS AT +2% TO -4% OF OPTIMUM MOISTURE CONTENT AND COMPACTE TO A MINIMUUM OF 95% PER ASTM D698. SLOPE AWWAY FROM CANAL AT 1.5% TO 2%.

MAG

OHE

PUE

RCP

RID

RO

ROW

S/W

FINISHED WATER

OVERHEAD ELECTRIC

REVERSE OSMOSIS

RIGHT OF WAY

SIDEWALK

WATER

PUBLIC UTILITY EASEMENT

REINFORCED CONCRETE PIPE

ROOSEVELT IRRIGATION DISTRICT

MARICOPA ASSOCIATION OF GOVERNMENTS

- TOP OF EXISTING BANKS TO BE STRIPPED OF ALL VEGETATION AND LOOSE MATERIAL. BACKFILL WITH MOISTENED COHESIVE MATERIAL. STABILIZE TO PREVENT SLOUGHING.
- CANAL SIDE SLOPES SHALL BE MINIMIM 3 INCHES THICK AND FLOOR SHALL BE MINIMUM 6 INCH THICK PNUEMATICALLY PLACED FIBER REINFORCED SHOTCRETE PER MAG SPEC 525, 3000 PSI MIX.
- ALL SHOTCRETE SURFACES SHALL HAVE A FINE BROOM FINISH.

FUTURE EOP

FUTURE ROW

FUTURE PUE

FUTURE PIPE

EXISTING ROW

- SHOTCRETE SHALL BE FIBER REINFORCED. FIBROUS CONCRETE REINFORCEMENT SHALL BE MANUFACTURED BY FIBER MESH, A DIVISION OF SYNTHETIC INDUSTRIES, 4019 INDUSTRY DRIVE, CHATTANOOGA, TENNESSEE, USA 37416, PHONE (423) 892-7243, OR APPROVED EQUAL. APPROVAL OF AN "EQUAL" PRODUCT SHALL BE SECURED FROM RID IN ADVANCE OF ORDERING MATERIALS OR MIXING OF THE SHOTCRETE. THE FIBROUS CONCRET REINFORCEMENT SHALL BE 100 PERCENT VIRGIN POLYPROPYLENE FIBRILLATED FIBERS CONTAINING NO REPROCESSED OLEFIN MATERIALS AND SPECIFICALLY MANUFACTURED FOR USE AS A CONCRETE SECONDARY REINFORCEMENT. THE SPECIFIC GRAVITY OF THE FIBERS SHALL BE 0.91. THE FIBERS SHALL BE OF A MULTI-DESIGN GRADATION. ADD THE FIBROUS CONCRETE REINFORCEMENT (1.5 POUNDS PER CUBIC YARD MINIMUM) TO THE CONCRETE MATERIALS AT THE TIME THE CONCRETE IS BATCHED. MIX THE CONCRETE IN STRICT ACCORDANCE WITH THE FIBER REINFORCEMENT MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS FOR UNIFORM AND COMPLETE DISTRIBUTION. PLACEMENT SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AND
- TOOLED CONSTRUCTION JOINTS SHALL BE PROVIDED AT 10' O.C. IN CANAL LINER. JOINTS SHALL BE FILLED WITH SIKA FLEX
- SOIL MOISTURE AND COMPACTION TESTS SHALL BE PERFORMED ON CANAL SUBGRADE AT A MINIMUM OF EVERY 300 LINEAL FEET OF CANAL. TEST RESULTS SHALL BE PROVIDED TO THE RID CONTRUCTION INSPECTOR WITHIN 24 HOURS OF TAKING THE
- UNSUITABLE SOIL MATERIAL IS MATERIAL THAT CONTAINS ORGANIC MATTER, IS SATURATED WITH A MOISTURE CONTENT EXCEEDING 5% OVER OPTIMUM OR CONTAINS OTHER MATTER OF SUCH A NATURE THAT COMPACTION TO THE SPECIFIED DENSITY IS UNOBTAINABLE.
- SUITABE FILL MATERIAL IS MATERIAL THAT IS FREE OF ORGANIC MATERIAL, DEBRIS, AND OTHER ONJECTIONABLE MATERIAL AS DETERMINED BY THE RID CONTRUCTION INSPECTOR. IF IMPORT MATERIAL IS TO BE USED, THE SOURCE MUST BE APPROVED BY THE RID CONSTRUCTION INSPECTOR PRIOR TO THE BEGINNING OF CONSTRUCTION.
- THE TOP OF THE CANAL EMBANKMENT SHALL BE MAINTAINED AT A MINIMUM OF 95% OF THE MAXIMUM PROCTOR DENSITY (ASTM d698) FOLLOWING THE EXCAVATION OF THE CUTOFF LIP.

GENERAL CONSTRUCTION NOTES (REVISED 03-20-12):

- 1. CITY OF BUCKEYE BUILDING DEPARTMENT SHALL, BE NOTIFIED 24 HOURS IN ADVANCE OF ANY ON-SITE OR OFF SITE CONSTRUCTION. PHONE 623-349-6245 FOR THE HOTLINE. ALL OTHERS FAX THE INSPECTION REQUEST FORM TO 623-349-6221, OR USE THE WEB BASED PERMIT PORTHOLE ACCESS TO SCHEDULE AN INSPECTION (WWW.BUCKEYEAZ.GOV).
- ALL WORK AND MATERIALS MUST CONFORM WITH THESE SPECIFICATIONS, THE CURRENT UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION AS SPONSORED AND DISTRIBUTED BY THE MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) AND AS AMENDED BY THE CITY OF BUCKEYE (COB).
- A PERMIT IS REQUIRED FROM THE COB FOR ALL CONSTRUCTION WITHIN THE RIGHTS-OF-WAY (ROW).
- 4. THE CONTRACTOR WILL EXPOSE ALL EXISTING UTILITY LINES BEING TIED IN TO VERIFY THEIR LOCATION. 5. THE CONTRACTOR WILL LOCATE, OR HAVE LOCATED, ALL EXISTING UNDERGROUND UTILITIES (ELECTRIC. TELEPHONE, PIPELINE, ETC.) AND STRUCTURES IN ADVANCE OF CONSTRUCTION AND WILL ELIMINATE ALL
- CONFLICTS PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO CALL BLUE STAKE PRIOR TO STARTING ANY CONSTRUCTION. NO WORK
- SHALL BEGIN UNTIL BLUE STAKE IS COMPLETED. BLUE STAKE TELEPHONE NUMBER 602-263-1100 OR 1-800-STAKE-IT. A PRE-CONSTRUCTION MEETING IS REQUIRED PRIOR TO STARTING ANY WORK OR NEW PHASE OF WORK. THE CONTRACTOR, KEY SUB-CONTRACTORS, COB INSPECTOR AND REPRESENTATIVE OF THE CITY ENGINEER SHALL
- ANY WORK PERFORMED WITHOUT THE APPROVAL OF THE COB AND/OR ALL WORK AND MATERIAL NOT IN CONFORMANCE WITH THE SPECIFICATIONS IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S
- DISPOSAL OF EXCESS MATERIAL WITHOUT A PERMIT WITHIN THE COB LIMITS IS PROHIBITED. A USE PERMIT IS REQUIRED FOR DISPOSAL OR STOCKPILING OF MATERIALS WITHIN A RESIDENTIAL AREA. STOCKPILING OF EXCAVATED MATERIAL SHALL NOT EXCEED A HEIGHT OF 6 FEET ABOVE THE NATURAL GROUND ELEVATION. THE SLOPES ON ALL SIDES OF THE STOCKPILED EXCAVATED MATERIAL SHALL NOT EXCEED A 4:1 RATIO OF LENGTH TO
- 10. EXCAVATION CONTRACTORS MUST IDENTIFY LOCATION FOR DISPOSING OF EXCESS EXCAVATION MATERIAL ALONG WITH A LETTER FROM THE LAND OWNER, GIVING PERMISSION FOR DUMPING PRIOR TO STARTING ANY
- 1. TRAFFIC CONTROL SHALL BE PROVIDED AND MAINTAINED IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND THE CITY OF PHOENIX BARRICADING MANUAL, MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION, MAG UNIFORM STANDARD DETAIL 401, AND COB REQUIREMENTS. THE CONTRACTOR IS REQUIRED TO SUBMIT A TRAFFIC CONTROL PLAN AND BARRICADE PLAN TO THE COB FOR APPROVAL WHERE THE CONSTRUCTION OF THE NEW IMPROVEMENTS ARE ADJACENT TO OR CONNECTING TO ANY EXISTING ROADWAY OR PEDESTRIAN FACILITIES. THE TRAFFIC CONTROL PLAN AND BARRICADE PLAN SHALL BE APPROVED BEFORE A PERMIT FOR THE WORK WILL BE ISSUED. THE CONTRACTOR SHALL INSTALL APPROVED BARRICADING AND TRAFFIC CONTROL, AS APPROVED BY THE COB, BEFORE WORK CAN TAKE PLACE. ALL OVERNIGHT BARRICADES SHALL BE LIT AND FUNCTIONING
- 12. A HAUL PLAN FOR MATERIAL IMPORT OR EXPORT SHALL BE REQUIRED FOR COB REVIEW AND APPROVAL PRIOR TO THE START OF HAULING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY AND FINAL CLEAN-UP OPERATIONS OF ADJACENT, EXISTING PAVED STREETS USED BY CONSTRUCTION TRAFFIC. THIS WORK INCLUDES STREET SWEEPING, POWER BROOM AND WATER AS NEEDED OR DIRECTED BY THE COB.
- 13. ENVIRONMENTAL REQUIREMENTS a. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL RELATED TO THE PROJECT CONSTRUCTION AND SHALL TAKE WHATEVER MEANS NECESSARY TO CONTROL ANY ABNORMAL CONDITIONS.
- b. THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS FOR CLEANING TRUCKS AND/OR OTHER EQUIPMENT OF MUD PRIOR TO ENTERING PUBLIC STREETS, AND TAKE WHATEVER MEASURES ARE NECESSARY TO INSURE THAT ALL ROADS ARE MAINTAINED IN A CLEAN, MUD AND DUST FREE CONDITION AT ALL TIMES.
- c. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY AND FINAL CLEAN-UP OPERATIONS OF ADJACENT, EXISTING PAVED STREETS USED BY CONSTRUCTION TRAFFIC. d. TEMPORARY DRAINAGE CONTROL MEASURES MAY BE REQUIRED DURING AND AFTER CONSTRUCTION UNTIL FINAL
- PROJECT BUILD-OUT IN ACCORDANCE WITH THE APPROVED PLANS AND IN ACCORDANCE WITH ANY ESTABLISHED OR REQUIRED BEST MANAGEMENT PRACTICES (BMP) AS PART OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MEET ALL
- e. THE CONTRACTOR IS RESPONSIBLE TO OBTAIN ALL AIR QUALITY PERMITS.
- f. THE CONTRACTOR SHALL SUBMIT TO THE COB A COPY OF THEIR APPROVED COUNTY (AIR QUALITY) DUST CONTROL PLAN, EROSION CONTROL PLAN (SWPPP), AND PERMIT PRIOR TO THE START OF WORK.
- 14. STREET CUTS: APPLICATIONS FOR STREET CUT PERMITS MUST BE APPROVED BY THE CITY ENGINEER PRIOR TO APPROVAL OF IMPROVEMENT PLANS. THE PAVEMENT REPLACEMENT SECTION FOR ALL LONGITUDINAL AND TRANSVERSE TRENCHES LOCATED IN AN EXISTING PAVED STREET SHALL BE CONSTRUCTED IN ACCORDANCE MAG UNIFORM STANDARD DETAIL NO. 200 "T"-TOP, BACKFILL, PAVEMENT SURFACE REPLACEMENT, MODIFIED AS FOLLOWS: THE WIDTH OF THE REPLACED PAVEMENT SECTION EXTEND 1 FOOT BEYOND THE TRENCH SIDE EDGE LINE, ON EITHER SIDE OF THE TRENCH. THE DEPTH OF THE PERMANENT SURFACE REPLACEMENT SHALL BE A MINIMUM OF 3 INCHES OR MATCH THE EXISTING THICKNESS OF THE PAVEMENT. WHICHEVER IS GREATER. SAWCUT OR CONSTRUCTION JOINTS SHALL BE ADEQUATELY TACK OILED WITH A MINIMUM OF 95% COVERAGE. ASPHALT MATERIAL SHALL BE A COB APPROVED MIX DESIGN WITH COMPACTED LIFTS NO GREATER THAN 3 INCHES. SLURRY BACKFILLED OR OPEN TRENCHES IN EXISTING ROADWAYS MUST BE PROPERLY STEEL PLATED AND BARRICADED OVER NIGHT. STEEL PLATES TO BE MILLED FLUSH WITH ROADWAY SURFACE PER NOTE 24. "COLD MIX" TEMPORARY ASPHALT PATCHES MUST BE REPLACED AS SOON AS POSSIBLE AND CANNOT REMAIN FOR MORE THAN 5 DAYS TIME OR AS REQUIRED BY THE COB. DURING THE 5 DAY PERIOD THE CONTRACTOR IS REQUIRED TO MAINTAIN THE PATCH TO WITHIN MAG STD SPEC 321.5.3. ASPHALT IN PLACE FOR LESS THAN 5 YEARS SHALL BE MILLED AND OVERLAYED A MINIMUM OF 20 FEET PAST TRENCH WALLS, AND IN THE CASE OF MULTIPLE STREET CUTS, THE CONTINUOUS MILL AND OVERLAY SHALL EXTEND A MINIMUM OF 20-FEET PAST END OF THE FURTHEST TRENCH
- 15. POTHOLING: NO POTHOLING SHALL BE DONE ON ANY STREET NEWER THAN 2 YEARS OLD. ALL POTHOLING IN EXISTING STREETS SHALL BE DONE USING WATER/AIR/VACUUM TYPE METHOD. POTHOLE SIZE SHALL BE LIMITED TO A 12 INCH BY 12 INCH SQUARE HOLE. REMOVAL MATERIAL CANNOT BE USED FOR BACK FILL. THE CONTRACTOR SHALL USE SLURRY PER MAG SEC. 728. PAVEMENT REPLACEMENT SHALL BE BY APPROVED HOT MIX ASPHALT
- ONLY. A 3 FOOT BY 3 FOOT PAVEMENT SLURRY SEAL SHALL BE APPLIED AFTER THE ASPHALT IS PLACED. 16. AN APPROVED, UP-TO-DATE SET OF PLANS AND A RIGHT-OF-WAY PERMIT SHALL BE MAINTAINED ON THE JOB SITE AT ALL TIMES WHILE WORK IS IN PROGRESS. IF THE PLANS AND PERMITS ARE NOT ON SITE, THE WORK SHALL BE STOPPED UNTIL THE APPROVED PLANS ARE PROVIDED. DEVIATION FROM THE PLANS SHALL NOT BE ALLOWED
- WITHOUT THE COB'S APPROVAL 17. DAMAGE TO ANY AND ALL ITEMS CAUSED BY CONSTRUCTION OR CONSTRUCTION RELATED WORK SHALL BE REPLACED OR REPAIRED TO THE SAME OR BETTER CONDITION AT THE CONTRACTOR'S EXPENSE
- 18. ALL PARCEL CONSTRUCTION ACCESS LOCATIONS ARE SUBJECT TO THE CITY ENGINEER'S APPROVAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING PROPER AND ADEQUATE ACCESS ROADS INSIDE AND THROUGHOUT THE PARCEL ALLOWING FOR INSPECTION ACCESSIBILITY. THIS INCLUDES GRADING, GRAVEL FILL AND/OR TRENCH PLATES AS REQUIRED.
- 19. THE CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE COB AND THE COB CONSULTANTS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE COB.
- 20. THE COB SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES UTILIZED IN CONNECTION WITH THE WORK. THE COB WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS COMPLYING WITH MAG OR COB REQUIREMENTS.
- 21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING CERTIFIED AS-BUILT RECORD DOCUMENTS TO THE COB FOR REVIEW AND APPROVAL. NO FINAL ACCEPTANCE SHALL BE ISSUED UNTIL "AS-BUILT" PLANS CERTIFIED BY THE PROJECT ENGINEER/LAND SURVEYOR HAVE BEEN SUBMITTED AND ACCEPTED BY THE COB. FINAL CONSTRUCTION ACCEPTANCE OR THE RELEASE OF CERTIFICATE OF OCCUPANCIES SHALL NOT BE ISSUED UNTIL ALL AS-BUILT DRAWINGS AND OTHER REQUIRED DOCUMENTS PER THE COB'S FINAL PROJECT SUBMITTAL
- 22. ARRANGEMENTS FOR CONSTRUCTION WATER CAN BE MADE BY CALLING THE WATER RESOURCE DEPARTMENT AT (623) 349-6800.
- 23. THE COB IS NOT RESPONSIBLE FOR LIABILITY ACCRUED DUE TO DELAYS AND/OR DAMAGES TO UTILITIES IN CONJUNCTION WITH THIS CONSTRUCTION. ALSO, THE CITY WILL NOT PARTICIPATE IN THE COST OF CONSTRUCTION OR RELOCATION OF UTILITIES.
- 24. ALL CONTRACTORS SHALL CONTRACT FOR TRASH PICKUP THROUGH A LICENSED CITY OF BUCKEYE SOLID WASTE HAULER (602-237-2078) AND DISPOSED OF AT THE SOUTHWEST REGIONAL LANDFILL IN BUCKEYE.
- 25. OPEN TRENCHES ACROSS DRIVEWAYS, STREETS AND CROSS-STREETS SHALL BE PLATED FOR OVERNIGHT, WEEKEND OR EXTENDED PERIODS, PER MAG UNIFORM STANDARD DETAIL 211. 26. ALL ABC SHALL BE FROM AN ARIZONA DEPARTMENT OF TRANSPORTATION (ADOT) APPROVED SOURCE LIST.
- 27. LONGITUDINAL TRENCH BACKFILL IN EXISTING ARTERIAL, COLLECTOR, OR LOCAL ROADWAYS OR ADJACENT TO EXISTING ROADWAY (WHEN THE TRENCH EXCAVATION FALLS WITHIN 2 FEET OF EDGE OF PAVEMENT) SHALL REQUIRE SACK CLSM PER MAG SPEC 725 FULL DEPTH OR ABC FULL DEPTH AS DIRECTED BY THE COB. ABC BACKFILL COMPACTION SHALL BE BY AN APPROVED MECHANICAL METHOD (NO WATER SETTLING) WITH BACKFILL MATERIAL LIFTS AS FOLLOWS:
- 12 INCH LIFTS (LOOSE) TO BE USED IN THE TOP 4 FEET OF THE TRENCH

CHECKLIST, HAVE BEEN REVIEWED AND APPROVED BY THE CITY ENGINEER.

- 24 INCH LIFTS (LOOSE) TO BE USED FROM 1 FOOT OVER THE PIPE TO 4 FEET FROM THE TOP OF THE TRENCH PER MAG
- 25. ALL BACKFILL WITHIN OR ADJACENT TO EXISTING ROADWAYS SHALL BE MECHANICALLY COMPACTED. 29. TRANSVERSE TRENCH BACKFILL IN ALL EXISTING ROADWAYS SHALL REQUIRE 100% FULL DEPTH HALF SACK CLSM
- PER MAG SPEC 728. 30. ALL MATERIAL SUBMITTALS INCORPORATED IN THE PROJECT SHALL BE SUBMITTED AT OR BEFORE THE
 - PRECONSTRUCTION MEETING FOR REVIEW AND APPROVAL BY THE CITY ENGINEER.

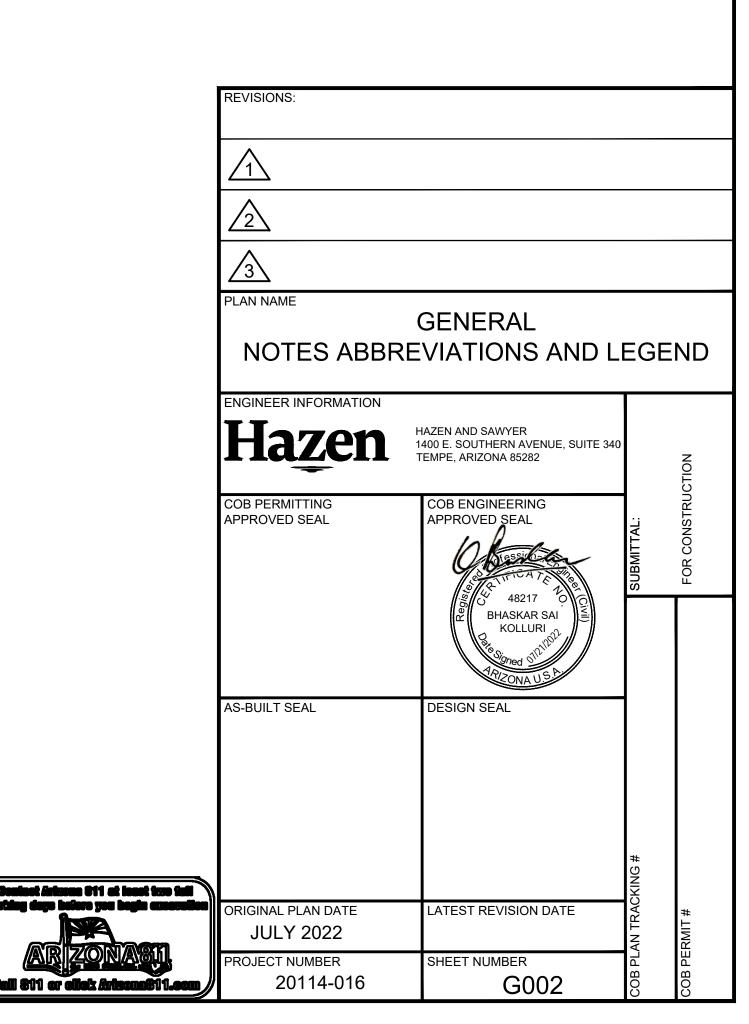


LOCATION MAP

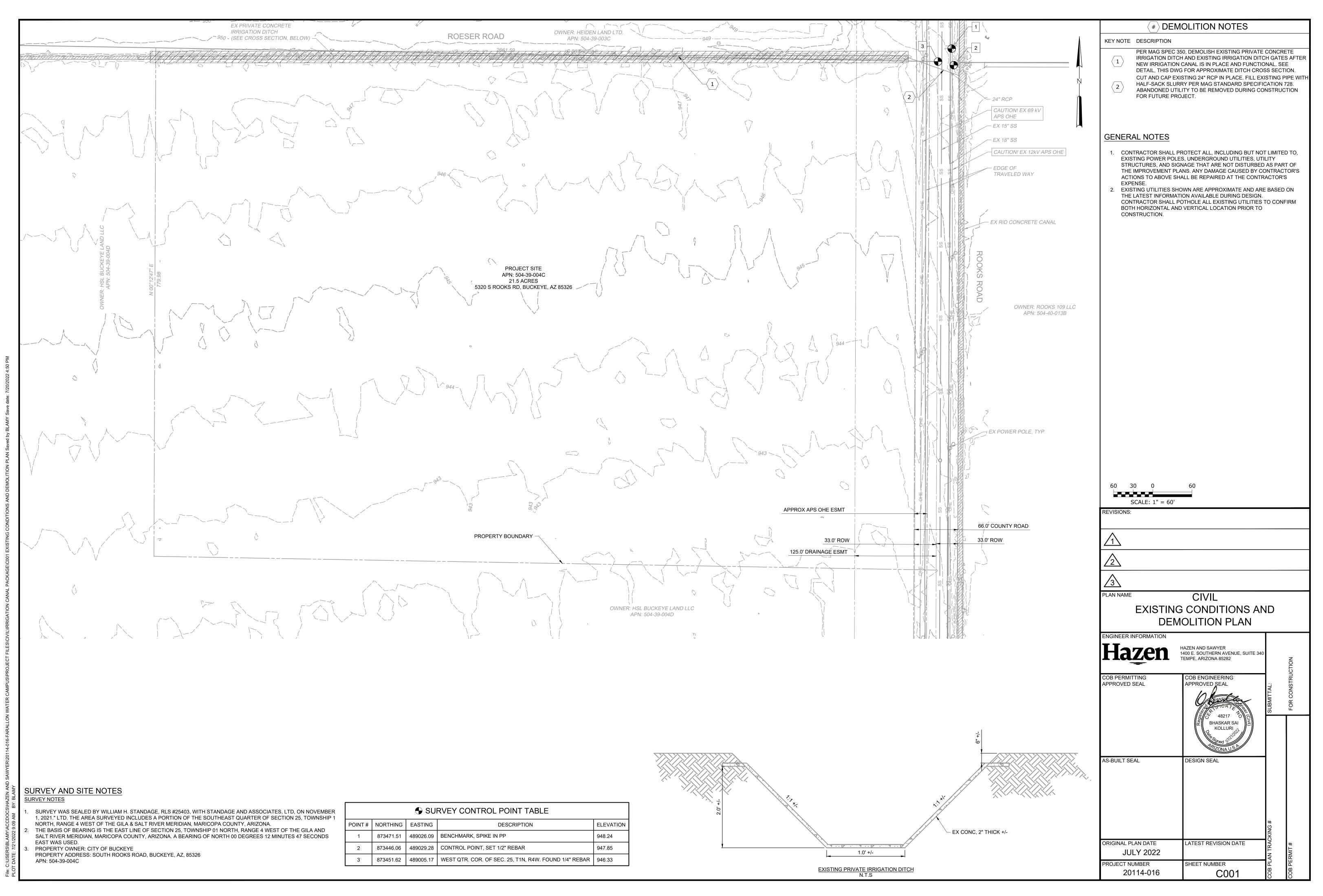
- ALL DESIGN AND CONSTRUCTION MUST BE IN ACCORDANCE WITH THE UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION PUBLISHED BY THE MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) EXCEPT AS AMENDED BY THE CITY OF BUCKEYE STANDARD CONSTRUCTION DETAILS. AII IMPROVEMENTS WITHIN THE DEVELOPMENT INCLUDING OFFSITE IMPROVEMENTS SHAFT BE IN ACCORDANCE WITH THE LATEST CITY OF BUCKEYE ENGINEERING DESIGN STANDARDS.
- 2. NO GRADING SHALL BEGIN WITHOUT A PERMIT FROM THE CITY OF BUCKEYE
- OFFSITE CONSTRUCTION REQUIRES A SEPARATE PERMIT BY THE CITY OF BUCKEYE
- 4. CONTRACTOR SHALL NOTIFY THE CITY OF BUCKEYE PUBLIC WORKS DEPARTMENT ASSIGNED INSPECTOR AT LEAST TWENTY-FOUR (24) HOURS IN ADVANCE OF ANY REQUIRED CONSTRUCTION
- 5. CONTRACTOR MUST CALL THE ARIZONA BLUE STAKE CENTER (602) 263-1100, FORTY-EIGHT (48)
- HOURS BEFORE DIGGING OR EXCAVATING FOR LOCATION OF ALL UNDERGROUND UTILITIES. 6. IT IS THE RESPONSIBILITY OF THE DEVELOPER AND HIS/HER AGENT IN COORDINATING THE RELOCATION OF POWER POLES FROM THE APPLICABLE UTILITY COMPANY
- 7. NO MINIMUM FINISHED FLOOR ELEVATION SHALL BE ALTERED, UNLESS APPROVED BY PUBLIC WORKS AND THE DEVELOPER'S CIVIL ENGINEER. ALL STAKING INCLUDING FINISHED FLOOR ELEVATIONS IS THE SOLE RESPONSIBILITY OF THE
- PAD ELEVATIONS IS REQUIRED PRIOR TO FINAL ACCEPTANCE. 9. CONTRACTOR SHALL PROVIDE GRADING FOR POSITIVE DRAINAGE IN ALL RETENTION BASINS AT

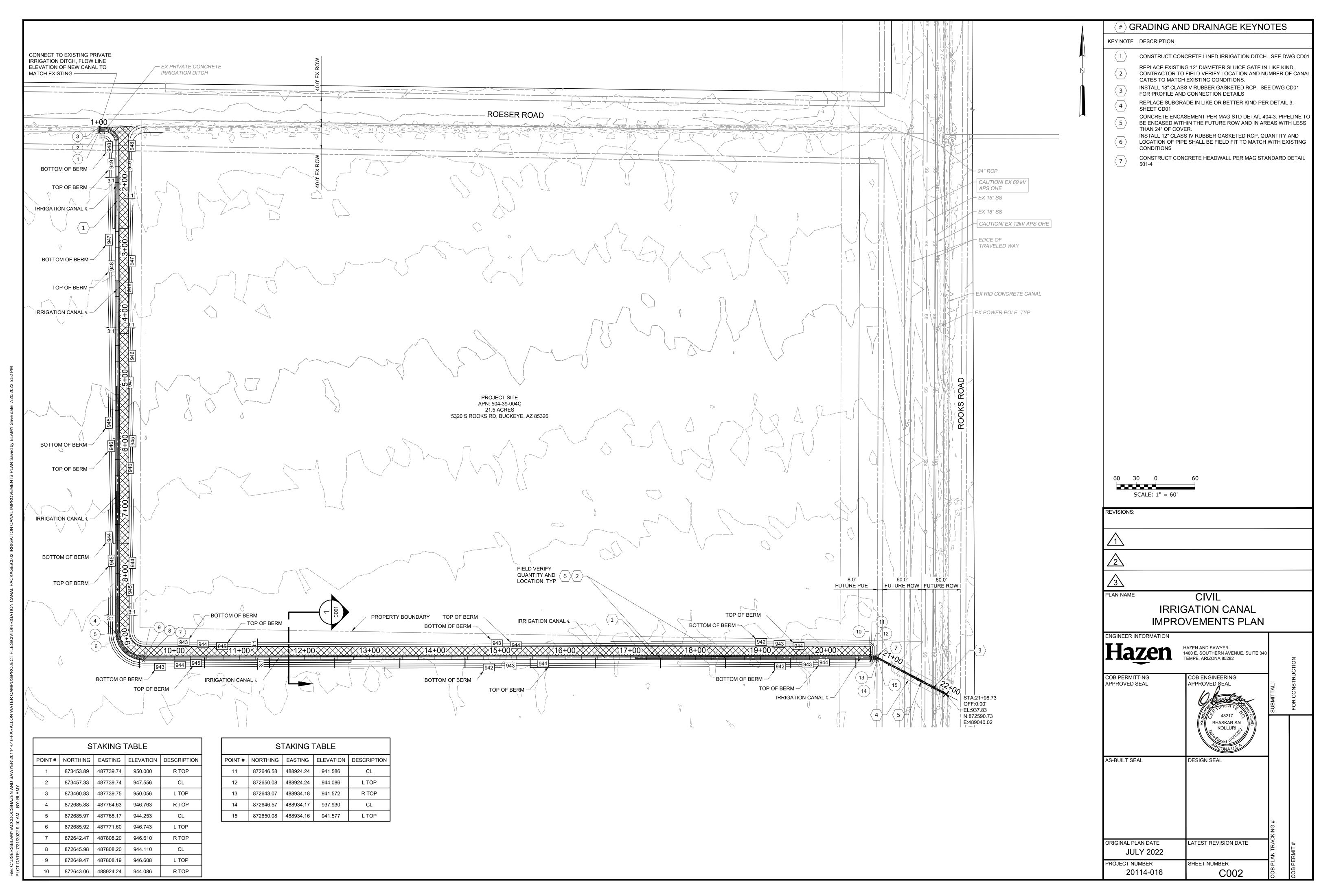
DEVELOPER'S REGISTERED CIVIL ENGINEER AND LAND SURVEYOR. SUBMISSION OF CERTIFIED

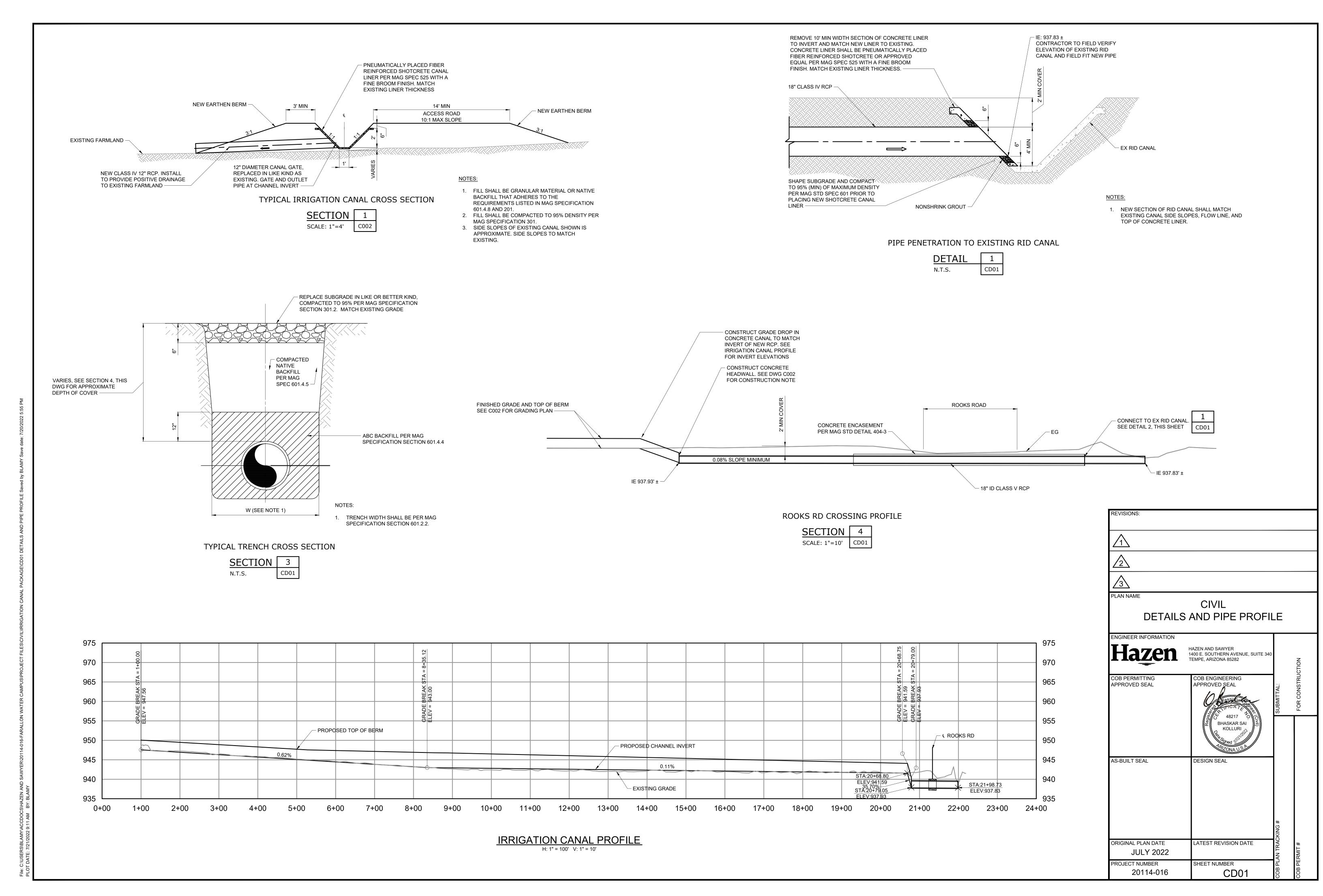
- ELEVATIONS AS ABUTTING PUBLIC RIGHT OF WAY. 10. DRYWELL INLET GRATE SHALL BE 0.30 FEET ABOVE FINISH GRADE AT BOTTOM ELEVATION OF THE RETENTION BASIN.
- 11. DRILLING LOGS FOR DRYWELLS AT 5.0 FOOT INTERVALS INCLUDING LITHOLOGY CHANGES WILL BE FURNISHED TO THE CITY OF BUCKEYE PUBLIC WORKS DEPARTMENT PRIOR TO FINAL
- 12. PERCOLATION TESTS WILL BE REQUIRED OF COMPLETED DRYWELLS PRIOR TO ACCEPTANCE. SHOULD EXISTING SOIL CONDITIONS BE ENCOUNTERED WHICH LACK SUFFICIENT PERCOLATION RATES, ADDITIONAL DRYWELLS OR AN ALTERNATE METHOD OF STORM WATER RUN-OFF DISPOSAL WILL BE REQUIRED. FINAL CERTIFIED PERCOLATION TEST RATES FROM ASTM D 3385 SHALL BE SUBMITTED AT THE TIME OF AS--BUILTS, WITH THE REQUIRED 50% REDUCTION FACTOR.
- 13. DRYWELL CONSTRUCTION SHALL BE DONE ONLY BY A CONTRACTOR LICENSED BY THE ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY WITH THE APPROVED REGISTRATION FOR EACH DRYWELL
- 14. THE APPROVED DRYWELL REGISTRATION SHALL BE SUBMITTED TO THE TOWN BY THE DEVELOPER OR HIS/HER CIVIL ENGINEER AT THE TIME AS-BUIITS ARE SUBMITTED.
- 15. CONTRACTOR SHALL COMPLY WITH THE PROVISIONS FOR WORK ZONE SAFETY AND TRAFFIC CONTROL PROTECTION AS INDICATED IN PART IV OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD 2003 EDITION) AND WHERE APPLICABLE ACROSS JURISDICTIONAL AUTHORITIES BUT WITHIN THE CITY OF BUCKEYE, MCDOT, AND ADOT'S TRAFFIC CONTROL MANUAL FOR HIGHWAY CONSTRUCTION AND MAINTENANCE (MOST CURRENT EDITION) 16. ALL RETENTION BASINS MUST DRAIN ANY STORM EVENT UP TO AND INCLUDING THE 100 YEAR 2
- HOUR STORM WITHIN THIRTY-SIX (36) HOURS OF POST DEVELOPMENT CONSTRUCTION. OWNER(S) OF ANY BASIN FAILING TO MEET THIS REQUIREMENT MUST TAKE CORRECTIVE ACTION TO BRING 17. THE CONTRACTOR SHALL NOT DISTURB EXISTING SURVEY MONUMENTS OR BENCHMARKS NOTED
- ON THE PLANS. REMOVAL AND REPLACEMENT SHALL BE DONE BY AN ARIZONA REGISTERED LAND 18. THE CONTRACTOR SHALL HAVE SUFFICIENT MEANS TO PROVIDE DUST CONTROL. DUST SHALL BE
- CONTROLLED IN ACCORDANCE WITH THE MARICOPA COUNTY ENVIRONMENTAL SERVICES.
- 19. PERIMETER WALL FENCES ARE REQUIRED TO BE COMPACTED NO LESS THAN 90% BY THE CONTRACTOR.
- 20. ARRANGEMENTS FOR CONSTRUCTION WATER CAN BE MADE BY CALLING THE CITY OF BUCKEYE PUBLIC WORKS DEPARTMENT AT 623-349-6800.
- 21. THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS FOR THE ELIMINATION OF MUD AND DUST ACCUMULATION IN PUBLIC STREETS BY TRUCKS LEASING THE SITE (TRACK OUT DEVICES). PUBLIC RIGHT OF WAYS SHAFT BE KEPT CLEAN AND FREE OF DEBRIS FROM CONSTRUCTION SITES.
- 22. DISPOSAL OF EXCESS MATERIAL WITHIN THE CITY'S LIMITS IS PROHIBITED. A USE PERMIT IS REQUIRED FOR DISPOSAL AND/OR STOCKPILING MATERIALS WITHIN A RESIDENTIAL AREA.
- 23. APPROVED CONSTRUCTION PLANS SHAFT BE KEPT ON THE JOBSITE AT ALL TIMES. DEVIATION FROM THE PLANS IS NOT ACCEPTABLE UNLESS AN APPROVED PLAN REVISION HAS BEEN GRANTED BY PUBLIC WORKS DEPARTMENT.



Farallon WC Irrigation Canal Impv.







Farallon WC Irrigation Canal Impv. DORFP No. 5