# R 03W 11 10 12 16 15 14 13 ₩ 19 20 21 22 23 24 29 28 27 26 25 30 32 33 34 35 VICINITY MAP



#### FEMA FLOOD ZONE INFORMATION

	COMMUNITY NUMBER	PANEL # PANEL DATE	SUFFIX	DATE OF FIRM (INDEX DATE)	FIRM ZONE	BASE FLOOD ELEV. (IN AO ZONE, USE DEPTH)	
	40039	2115, 2120	L	11/4/2015	×	N/A	
		10/16/2013				N/A	
	ALL FLOOD Z	ONES ARE SH	IOWN IN	THIS PLAN SET.			

### **GENERAL PERMITTING NOTES**

- ALL CONSTRUCTION IN THE DUBLIC RIGHTS—FWY OR IN EASEMENTS GRANTED FOR PUBLIC USE MUST CONFORM TO THE LATEST MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) UNIFORM STANDARD SECRETICATIONS AND UNIFORM STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION AS AND UNIFORM STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION AS MANDED BY THE LATEST VERSION OF THE CITY OF BUCKEY ESTANDARDS WILL GOVERN.

- STANDARDS. IF THERE IS A CONFLICT, THE CITY OF BUCKEYE STANDARDS WILL GOVERN.

  2. THE APPROVACY OF THE PLANE IS VALID FOR ONE (1) YEAR, FROM THE DATE.

  2. THE APPROVACY OF THE PLANE IS VALID FOR ONE (1) YEAR, FROM THE DATE.

  2. THE APPROVACY OF THE PLANE IS VALID FOR ONE (1) YEAR, THE PLANE SHAD THE PLANE IS VALID FOR THE CONSTRUCTION HAS NOT BEEN ISSUED WITHIN ONE (1) YEAR, THE PLANE MUST BE RESUBBITTED TO THE CITY FOR REAPPROVAL.

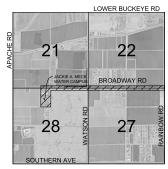
  3. CITY OF BUCKEYE INSPECTION OF ALL WORK ON WITHIN THE CITY OF THE PLANE O

#### UTILITY COMPANIES DATE SUBMITTED

OTILITY COMMITME			BITTE GODINITIES			
ELECTRIC	ARIZONA PUBLIC SERVICE		5/24/2022			
TELEPHONE	CENTURY LINK-LUMEN		5/24/2022			
CATV	COX COMMUNICATIONS		5/24/2022			
WATER	CITY OF BUCKEYE		5/24/2022			
SEWER	CITY OF BUCKEYE		5/24/2022			
IRRIGATION	ROOSEVELT IRRIGATION DISTRICT		5/24/2022			

# CITY OF BUCKEYE TANK FILL - REACH LINE **CONNECTION TO** JACKIE A. MECK WATER CAMPUS

A PORTION OF SECTION 27, TOWNSHIP 1 NORTH, RANGE 3 WEST AND SECTION 28. TOWNSHIP 1 NORTH, RANGE 3 WEST OF THE GILA AND SALT RIVER BASELINE AND MERIDIAN. MARICOPA COUNTY, ARIZONA.



#### OVERALL DEVELOPMENT

NOT TO SCALE

SUMMARY OF QUANTITIES

#### ITEM UNIT QUANTITY CLASS 350 12" DIP WATERLINE AND FITTINGS W/POLYWRAP LF 8,054 30" STEEL CASING WITH CLASS 350 12" DIP WATERLINE BY BORE LF 327 12" GATE VALVE AND BOX EA CONNECTION TO EXISTING WATERLINE EA 1 TRENCH SAFETY LF 8,054 2" AIR RELEASE VALVE EA PERMANENT ASPHALT PAVEMENT REPAIR SY 2,773 ASPHALT DRIVEWAY SY 65 ELECTRICAL, INSTRUMENTATION, AND CONTROLS IMPROVEMEENTS LS 1

LS 1

LS 1

EA 4

LF 8,223

CONSTRUCT CONTROL VALVE ASSEMBLY

ITS PULL BOX PER COB STD DTL 66124

CONNECTION TO EXISTING RESERVIOR

7-WAY MICRO-DUCT

 $\triangle$ 

## **OWNER**

CITY OF BUCKEYE
CONTACT: PAUL NUÑO
530 E. MONROE AVENUE
BUCKEYE, AZ 85326
PHONE: 623–349–6279
EMAIL: PAULNUNO®BUCKEYEAZ.GOV

#### **ENGINEER**

KIMLEY-HORN
CONTACT: TYLER KAY, P.E.
7740 N. 16TH STREET STE 300
PHOENIX, AZ 85020
PHONE: 602–216–1263
EMAIL: TYLER.KAY®KIMLEY-HORN.CO

#### SHEET INDEX

REFER TO SHEET G-02 FOR SHEET INDEX

#### BASIS OF BEARING

HORIZONTAL DATUM: NAD83 (2011) ARIZONA CENTRAL ZONE COMBINED SCALE FACTOR: 1.00009742 VERTICAL DATUM: NAVD88

#### BENCH MARK

A BRASS CAP IN HAND HOLE AT THE INTERSECTION OF WATSON AND BROADWAY. NW CORNER SEC. 27, TNN, R3W. GROUND NORTHING = 876161.9243 GROUND EASTING = 504833.2317 PUBLISHED LEVATION = 966.10

#### **APPROVALS**

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

BY: CITY OF BUCKEYE ENGINEER

MARICOPA COUNTY ENVIRONMENTAL SERVICES DEPARTMENT MCESD No. DATE

"IN ACCORDANCE WITH THE SAFE DRINKING WATER ACT AND AAC R18-4-213, ALL MATERIALS INSTALLED AFTER JAMENT 4, 2014 WHICH MAY COME INTO CONTACT WITH DRINKING WATER SHALL CONFORM TO INATIONAL SMATTION FOUNDATION STANDARD 60, 61 & 372." ALL POTABLE WATERINES AND FITTINGS SHALL HAVE A NOS-PW SEAL ALL MATERIALS SHALL BE LEAD FREE AS DEFINED IN INST 372, AAC R18-5-5-04 AND R18-4-61.

#### 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 warrantee regarding the suitability, and/or adequay, of the rism being constructed to meet, fulfill or otherwise satisfy, their intended purpose. RID approves these plans for concept only and accepts no liability for errors or omissions. RID Right-devily Cleasing Permit required prior to constrol.

ROOSEVELT IRRIGATION DISTRICT

RID PERMIT NUMBER

#### 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/P.E.

ARIZONA REGISTRATION NUMBER

TELEBUONE NUMBER



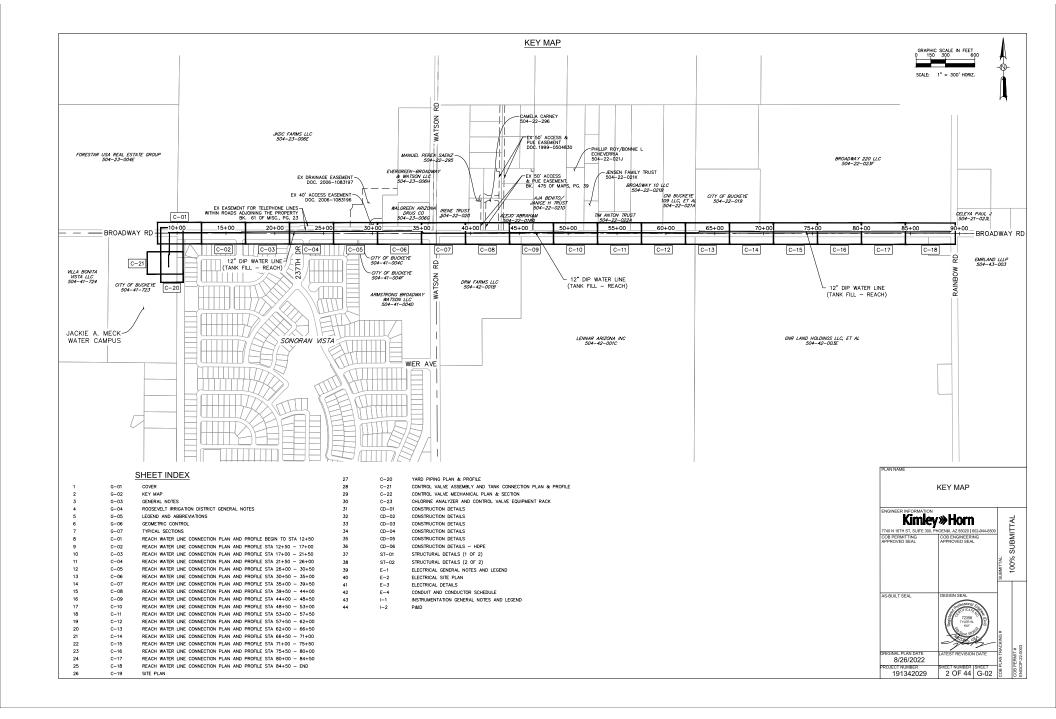
DATE

AS-BUILT SEAL

8/26/2022 OJECT NUMBER 191342029

1 OF 44 G-01

MANAGING ENGINEERING / SI	TYLER KA	PROJECT COORDINATOR	BRYAN BF	YOUT DRAFTE	BDB/TWK BDB/	VEY DRAFTE		SCALES	AS NOTED
MANAGING		PROJECT		DESIGN LAYOUT	BDE	FIELD SURVEY		DRAWING SCALES	
PLAN TYPE		100% DESIGN PLANS			ENGINEER INFORMATION	NIMIey » Horn	7740 N 16TH STREET SLITE 300 PHOENIZ AZ 85020	PHONE: 602-944-5500   FAX: 602-944-7423	WWW.KIMLEY-HORN.COM
PROJECT:	TANK FILL - REACH LINE	JACKIE A. MECK	WATER CAMPUS		COB PROJECT PLAN STICKER				
/		DENI	DUM	NC	D. 1				
<u></u>	7	NL	JIVI	. • •					
1	7								
APP	PERMIT ROVED S	FING EAL		GC AP	B ENGINE PROVED S	ERING EAL		IITTAL:	00% SUBMITTAL 1st SUBMITTAL



#### CITY OF BUCKEYE GENERAL CONSTRUCTION NOTES

- CITY OF BUCKEYE BUILDING SAFETY DEPARTMENT SHALL BE NOTIFIED 24 HOURS IN ADVANCE OF ANY ON-SITE OR OFF SITE CONSTRUCTION. PHONE 623-3496-6245 FOR THE HOTLINE. ALL OTHERS FAX THE INSPECTION REQUEST FORM TO 622-3496-6221, OR USE THE WEB BASED PERMIT PORTHOLE ACCESS TO SCHEDULE AN INSPECTION (WWW.BUCKEYEAZ.OV)
  ALL WORK AND MATERIALS MUST CONFORM WITH THESE SPECIFICATIONS, THE CURRENT UNIFORM STANDARD SPECIFICATIONS DETRIED TO BY THE MARGOPA ASSOCIATION OF GOVERNMENTS (MAD) AND AS AMENDED

- PUBLIC WORKS CONSTRUCTION AS SPONSORED AND DISTRIBUTED BY THE MINOCOPA ASSOCIATION OF GOVERNMENTS (MAG) AND AS AMENDED BY THE CITY OF BUCKTE (COB).

  A PERMIT IS REQUIRED FROM THE COB FOR ALL CONSTRUCTION MITHIN THE RIGHTS—OF—MAY (ROW).

  A PERMIT IS REQUIRED FROM THE COB FOR ALL CONSTRUCTION MITHIN THE RIGHTS—OF—MAY (ROW).

  THE CONTRACTOR WILL EMPOSE ALL EXISTING UTILITY LINES BEING THE IN TO VERTEY THERE LOCATION, TELEPHONE, PIPELINE, ETC.) AND THE CONTRACTOR WILL CONTRACTOR ALL EXISTING LINES AND UTILITIES (ELECTRIC, TELEPHONE, PIPELINE, ETC.) AND THE CONTRACTOR IS RESPONSIBLE TO CALL BLUE STAKE FROM TO STARTING ANY CONSTRUCTION. TO CONSTRUCTION THE CONTRACTOR IS RESPONSIBLE TO CALL BLUE STAKE FROM TO STARTING ANY CONSTRUCTION. MICHIGAN EXPLINES REQUIRED FROM 10 STARTING ANY WORK OR NEW PHASE OF WORK, THE CONTRACTOR, KEY A PRE-CONSTRUCTION MEETING SEQUENCE FROM 10 STARTING ANY WORK OR NEW PHASE OF WORK, THE CONTRACTOR, KEY 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 COR LIMITS IS PROHIBITED. A USE PERMIT IS REQUIRED FOR DISPOSAL OR STOCKPHILM OF A MATERIAL WITHOUT A PERSONAL OR STOCKPHILM OF OF EXCENSE AND METRICAL STARL NOT IN CONFORMANCE WITH THE STOCKPHILM OF OF EXCENSE AND METRICAL STARL NOT IN CONFORMANCE WITH THE RESPONSAL OR STOCKPHILM OF OR METRICAL STARL AND THE CORD TO SECRED A HEIGHT OF 6 FEET RATIO OF LENGTH TO HEIGHT OF HEIGHT OF THE TERM THE CONTRACTORS WITH THE SECRED AND OF EXCANATION CONTRACTORS WITH CORDINARY OF DISPOSAL OR PECANATION OF EXCENSE TO HEIGHT OF SECRET AND THE CORD THAT OF THE TRATE THE CORD THE CORD THAT OF THE TRATE THE CORD THAT OF THE TRATE OF EXCANATION CONTRACTORS WITH THE TRATE TRATE THE TRATE TH
- ABOVE THE NATURAL GROUND ELEVATION. THE SLOPES ON ALL SIDES OF THE STOCKPILED EXCAVATED MATERIAL SHALL NOT EXCEED A 4:1

  ROWSHIP OF THE MATERIAL GROUND ELEVATION. THE SLOPES ON ALL SIDES OF THE STOCKPILED EXCAVATED MATERIAL ALONG WITH A LETTER FROM THE

  LAND OWNER, GIVING PERMISSION FOR DUMPING PRIOR TO STARTING ANY CONSTRUCTION.

  TRAFFIC CONTROL SHALL BE PROVIDED AND MAINTAINED IN ACCORPANCE WITH THE LATEST EDITION OF THE MANUAL, OF MATERIAL CONTROL BY THE START CONTROL SHALL BE PROVIDED AND MAINTAINED IN ACCORPANCE WITH THE LATEST EDITION OF THE MANUAL OF MAINTAINED WAS AND ANY DISTRIBUTED AND ASSOCIATED ANY DISTRIBUTED AND ASSOCIATED ANY DISTRIBUTED AND ASSOCIATED ANY DISTRIBUTED AND ASSOCIATED ASSOCIATED ASSOCIATED AND ASSOCIATED ASSOCIAT

- MEANS INCESSARY TO CONTROL ANY ABRORMAL CONDITIONS.

  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 ENSURE THAT ALL ROADS ARE MAINTAINED IN A CLEAN, MUD AND DUST FREE CONDITION AT ALL THE WATEVER MEASURES ARE NECESSARY TO ENSURE THAT ALL ROADS ARE MAINTAINED IN A CLEAN, MUD AND DUST FREE CONDITION AT ALL THE ADMINISTRATION OF THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY AND FINAL CLEAN—UP OPERATIONS OF ADJACENT, EXISTING PAVED STREETS USED BY CONSTRUCTION TRAFFIC.
- BY CONSTRUCTION STRATE.

  STOCKISTRUCTION THATE.

  TO CONSTRUCTION THATE.

  TO CONSTRUCT ON THE APPROVED PLANS AND IN A COCROBANCE WITH ANY ESTABLISHED OR REQUIRED BEST MANAGEMENT PRACTICES. 
  (BURP) AS PART OF THE INTO AND PLANS AND IN ACCORDANCE WITH ANY ESTABLISHED OR REQUIRED BEST MANAGEMENT PRACTICES. 
  (BURP) AS PART OF THE MANAGEMENT PRACTICES. 
  (BURP) AS PART OF THE MANAGEMENT PRACTICES. 

  THE CONTRACTOR SHALL SUBMIT TO THE COST ACCOUNTED THE PROPROVED COUNTY (AIR QUALITY DUST CONTROL PLAN, EROSION CONTROL PLAN (SWIPP), AND PERMIT PRIOR TO THE START OF WORK. 

  THE CONTRACTOR SHALL SUBMIT TO THE COST ACCOPY OF THEM APPROVED COUNTY (AIR QUALITY) DUST CONTROL PLAN, EROSION CONTROL PLAN (SWIPP), AND PERMIT PRIOR TO THE START OF WORK. 

  THE CONTRACTOR SHALL SUBMIT TO THE COST AND THE START OF WORK. 

  THE PARKENT PRIVACE OF THE START OF WORK. 

  THE PARKENT PRIVACEMENT SECTION FOR ALL LONGITUDINAL AND TRANSVERSE TRENCHES LOCATED IN AN EXISTING PARED STRAIL BE COSTRUCTED IN ACCORDANCE WITH MAN UNFORW STANDARD DETAIL NOT ON THE ST TERROR HEAVING PARED STRAIL BE COSTRUCTED IN A COCODANCE WITH MAN UNFORW STANDARD DETAIL NOT OF THE ST TERROR HEAVING PARED STRAIL PROVIDED THE START OF WORK.
- SHALL BE CONSTRUCTED IN ACCORDANCE WITH MAG UNFORM STANDARD DETAIL NO. 200 "TYPE 6" TRENOR REPAIR, BACKLE, PAYMENTS UNFRACE REPLACEMENT, 2" WOS. SANCUT OR CONSTRUCTION JOINTS SHALL BE A DOOR SHALL THAT ACCOUNTY AND MIND MAY SHALL BE A COS APPROVED WITH COMPACTED LIFTS NO GREATER THAN 3 INCHES, SURRY BACKFILLED OR OPEN TRENORS IN EXISTING ROADWAYS MUST BE POPERTY STEEL PLATED SHALL BE A COS APPROVED WITH COMPACTED LIFTS NO GREATER THAN 3 INCHES, SURRY BACKFILLED OR COPEN TRENORS IN EXISTING ROADWAY SURFACE PUR NOTE 2.4" COLD MAY THAT DANG DARRIGADED OVER WHICH TISEL PLATES TO SHELLED AND MAN THAN THE PART OF THE PLATE PLATE OF THE PLATE THAT OF THE PLATE PLATE OF THE PLATE PLATE OF THE PLATE PLATE OF THE PLATE P
- PROVIDED.

  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.

- DAMAGE TO ANY AND ALL ITEMS CAUSED BY CONSTRUCTION OF CONSTRUCTION RELATED WORK SHALL BE REPLACED OR REPARED TO THE SAME OR BETTER CONSTRUCTION SECRET.

  5. SAME OR BETTER CONSTRUCT HE CONTRACTORS SECRET.

  5. FOR MANTAINING PROFER AND ADEQUATE ACCESS ROADS INSIDE AND THROUGHOUT THE PARCEL ALLOWING FOR INSPECTION ACCESSIBILITY.

  6. THE CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB STE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT ROLLINGING SHAPE. THE RESPONSIBILITY HAS RECURRED.

  6. THE CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB STE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT FOR ALLEGED. AND PROPERTY, THIS REQUIREDUT SHALL APPLY CONTROLLED AND THE ACCOUNT OF THE PROJECT OF THE PROJ

- ARRANGEMENTS FOR CONSTRUCTION WATER CAN BE MAKE BY CALLING WATER RESOURCE DEPARTMENT AT (823) 349—8800. THE COB IS NOT RESPONSIBLE FOR LIBBILITY ACCRUED DUE TO DELAYS AND/OR DAMAGES TO UTILITIES IN CONLINCTION WITH THIS CONSTRUCTION, ALSO, THE CITY WILL NOT PARTICIPATE IN THE COST OF CONSTRUCTION OR RELOCATION OF UTILITIES. AND DISPOSED OF AT THE COTY WHILL NOT PARTICIPATE IN THE COST OF CONSTRUCTION OR RELOCATION OF UTILITIES. AND DISPOSED OF AT THE SOUTHWEST REDONAL LANDFILL IN BUCKEY.
  AND DISPOSED OF AT THE SOUTHWEST REDONAL LANDFILL IN BUCKEY.
  AND DISPOSED OF AT THE SOUTHWEST REDONAL LANDFILL IN BUCKEY.
  ALL AGE SHALL BE FROM AN ARZONA DEPARTMENT OF TRANSPORTATION (ADDT) APPROVED SOURCE LIST.
  ALL AGE SHALL BE FROM AN ARZONA DEPARTMENT OF TRANSPORTATION (ADDT) APPROVED SOURCE LIST.
  ALL AGE SHALL BE FROM AN ARZONA DEPARTMENT OF TRANSPORTATION (ADDT) APPROVED SOURCE LIST.
  ALL AGE SHALL BE FROM AN ARZONA DEPARTMENT OF TRANSPORTATION (ADDT) APPROVED SOURCE LIST.
  ALL AGE SHALL BE FROM AN ARZONA DEPARTMENT OF TRANSPORTATION (ADDT) APPROVED SOURCE LIST.
  ALL AGE SHALL BE FROM AN ARZONA DEPARTMENT OF TRANSPORTATION (ADDT) APPROVED SOURCE LIST.
  ALL AGE SHALL BE FROM AN ARZONA DEPARTMENT OF TRANSPORTATION (ADDT) APPROVED MECHANISM OR ADJACENT TO EXISTING ROADWAY (WHEN THE TRENCH EXCAVATION FALLS WITHIN 2 FEET OF EDGE OF PAYAGENTY SHALL BE YAN APPROVED MECHANISM. WHICH AND AND AND AND ARTER SETTLINGS.

  1 INCH LIFTS (LOOSS) TO BE USED IN THE TOP 4 FEET OF THE TRENCH

  2 AN INCH LIFTS (LOOSS) TO BE USED FROM 1 FOOT OVER THE PREY FO 4 FEET FROM THE TOP OF THE TRENCH PER MAG SEC 601.4
  ALL BACKFILL WITHIN OR ADJACENT TO EXISTING ROADWAY SHALL BE WECHANICALLY COMPACITED.

  2 INCH LIFTS (LOOSS) TO BE USED FROM 1 FOOT OVER THE PREY TO 4 FEET FROM THE TOP OF THE TRENCH PER MAG SPEC 728.

  ALL BACKFILL WITHIN OR ADJACENT TO EXISTING ROADWAY SHALL BE COMMITTED AT OR BEFORE THE PRE-COMSTRUCTION MEETING FOR REVIEW AND APPROVAL BY THE CITY ENORMER.

#### CITY OF BUCKEYE WATER NOTES

- ARRANGEMENTS FOR CONSTRUCTION WATER CAN BE MADE BY CALLING THE WATER RESOURCES DEPARTMENT AT (623) 349-6800.
- BACKFILMIC SHALL NOT BE STARTED LUMIL LINES HAVE BEEN INSPECTED AND APPROVED BY THE CITY. THE HYDRANTS SHALL BE WATEROUS "PACER", MUELLER, OR CLOW BRREAK—AWAY, DRY—BARREL DESON AND SHALL BE FURNISHED BY THE CONTRACTOR, ALL FIRE HYDRANTS SHALL BE PANIED NPA YELLOW OR OTHER COLORS BASED ON STANDARD DETAIL 31414 AFTER NISTALLATION, EACH FIRE HYDRANT SHALL BE FURNISHED WITH A GATE VALVE AND NATIONAL STANDARD THREADS, FIRE HYDRANTS SHALL BE NISTALLATION, EACH FIRE HYDRANT SHALL BE FURNISHED WITH A GATE VALVE AND NATIONAL STANDARD THREADS, FIRE HYDRANTS ALL DE NISTALLED SUCH THAT THE CONTENENCE OF THE MAIN PUMPER NOZZE SHALL NOT BE LESS THAN 16-IN-CHES OR MORE THAN 24" ABOVE
- TRINISHED GRADE OR ADJACENT TOP OF CURE IN THE CONTROL OF THE CONT
- ALL SERVICE LINES SHALL BE TYPE "N" COPPER PIPE FROM THE CITY MAIN TO METER (THROUGH 2" SIZE). SERVICE CONNECTIONS SHALL CONFORM TO THE CITY OF BUSINESS STANDARD ETAIL 31330.

  ALL TAPS SHALL USE A BRONZE DOUBLE SERVICE SADDLE.

  WERE DOOS AND USE SHALL SHOW THE SHALL SHA

#### CITY OF BUCKEYE WATER NOTES (CONT.)

- ALL WATE BUCKETE WALLEY NOIES (CONI.)

  ALL VIALE BOOKS SHALLE BLAKE STANDERD EITH, SPI-2 AND MANUFACTURED BY THER INNON, SOLD
  BEAVY DUTY RATED, GR. GTY ARRONGE EDUAL, WHERE VAILE BOOKS ARE LOCATED CHYSIC RIVE STREET BY
  SECWALK THERE SHALLE BE A LESS TO CONCRETE RIVE OF THOSE AND SY'D DIMERTER PLACED ARRONDE
  MANUFACTURE SHALLE BY A BASE CONTRECT IN THE CONCRETE RIVER PLACED ARRONDE
  MALL BOX AND FLUSH WITH HE TOP OF THE VALVE BOX. THE VALVE BOX SHALL BE SET O.'I MHORE THAN
  HE SUPROLINDOR GRADE. THERE SHALL BE A MEAR CENTERED IN THE CONCRETE RING AND CONTRACTOR
  SHALL INSTALL A BLUE FLORBLE UTLITY MARKEE LABELED VALTEW VALVE.

  SHALL WATERING COMPOSITION SHALL BE SHALL BE HAVE VALVE.

  ALL WATERING CONFISCION SHALL BE SHALL BE HAVE SHALL BE SHALL

- IN NEW, LOCAL, AND COLLECTOR STREET ROJEWAYS WITHIN NEW DEVELOPMENTS, BACKFILL MATERIAL LITTS FOR BACKFILL AND COMMENTARY OF THE POR BACKFILL AND COMMENTION OF WHITE THE PERFORMANTS OF THE POR BACKFILL AND COMMENTION OF WHITE THE PERFORMANTS OF NEW AREERIA, STREET ROJEWAYS THENCH FLOODING IS NOT ALLOWED.

  SUIT-DOWNS AND MONITT TIE--INS SHALL BE APPROVED AND SCHEDULED WITH THE CITY OF BUCKFIX WATER ALL DIP SHALL BE POLY-WARPPED AND COMENT MOTAR LINED.

  ALL DIP SHALL BE FOLY-WARPPED AND COMENT MOTAR LINED.
- SHALL BE 1" OR LARGER. CONTRACTOR SHALL MARK ALL METER LOCATIONS WITH A 2" X 4" METAL STUD MARKER, PAINTED BLUE, 20.
- PACED X "BLOW GRADE" ABOYE GRADE ALL METTE (DCATIONS SHALL ASSOCIATION OF MARKED WITH BLUE PAIN ON ADJACENT CONCRETE AS DIRECTED BY THE CITY INSPECTOR.

  TRACER WIRE SHALL BE USED ON ALL WATER LINE CONSTRUCTION. THE WIRE SHALL BE LOANG (THIM) AND ATTACHED MERCITY ON TOP OF THE WATER MAIN DIRECT CONSTRUCTION. AND BACKET, THE WAS SHALL BE WERE SHALL BE LOANG (THIM) AND THE WATER MAIN DIRECT CONSTRUCTION. AND BACKET, THE WAS SHALL BE WARE WHITE AND THE MINISTER SHALL BE TERMINATION POINTS OF THE WATER LINE. THERE SHALL BE THE MINIMAL UNDERGROUND SPLICES. IF A SPLICE IN RECEIVED THE CONNECTION SHALL BE MADE WITH A WATER THOST CONNECTION APPROVED BY THE CITY.
- ENGINEER) AS TO PROTECT ALL UN-INSULATED WIRE. TRACER WIRE IS NOT REQUIRED ON COPPER SERVICE LINES. NON-DETECTABLE PLASTIC WARNING TAPE SHALL BE PLACED ABOVE ALL WATER LINES. THE TAPE SHALL BE
- WIDE, BLUE, AND HAVE A PERMANENT MARKING. "CAUTION BURIED WATER LINE BELOW," SPACED EVERY 36". CONTRACTOR SHALL PROVIDE ADGUATE CUT/ELEVATION CONSTRUCTION STAKING FOR ALL WATER LINE INSTALLATIONS TO ALLOW FOR PROPER DEPTH INSTALLATION AND INSPECTIONS. MINIMUM STAKING LOCATIONS. 23.
- INSTALLATIONS TO ALLOW FOR PROPER DEPTH INSTALLATION AND INSPECTIONS, IMMINUM STAKING LOCATIONS INCLUDE ALL DEADNIACL FITTINGS AND VALVES.

  ALL PLANS SUBMITTED TO THE CITY FOR WATER MAIN INSTALLATION, SHALL INCLIDE THE TECHNICAL DATA FOR THE FOLLOWING ITEMS, FOR REVIEW AND APPROVAL BY THE CITY, PRIOR TO CONSTRUCTION (SUBMITTAL).

  REQUIREMENTS SHALL NOT BE LIMITED BY THE FOLLOWING):

  THE PRESENT OF THE COLLOWING LITTING THE FOLLOWING: TAPPING SEEVES, COUPLINGS, CORPORATION IN PRESENT OF THE PROPERTY OF THE
- THE CITY.

  BACKFILLING OF EXCAVATIONS MADE FOR INSTALLING WATER MAINS AND/OR LATERALS SHALL BE IN CORDANCE WITH COB DETAIL 31380.

#### CITY OF BUCKEYE PAVING NOTES

- LOCATION OF ALL VALVES AND MANHOLES MUST BE REFERENCED AT ALL TIMES BY THE CONTRACTOR DURING
- CONSTRUCTION.
  SUBGRADE AND PAVING OPERATIONS SHALL NOT BEGIN UNTIL ALL UTILITY FRAME AND COVER LOCATIONS HAVE BEEN PROPERLY REPERVISED TO FACILITIES ADJUSTMENTS. BEEN PROPERLY REPERVISED TO FACILITIES ADJUSTMENTS. ALL SUBGRADE REQUIREMENTS HAVE BEEN COMPLETED AND APPROVED BY THE CITY INSPECTION.
  OF DAVING CONSTRUCTION SHALL COMMENCE UNTIL ALL UNDEFORDING WHITE WHITE WHEN THE RODWAY ARE COMPLETED. APPROVED AND THE TO PAY AS BUILT ORNAMING JAR REVIEWED AND APPROVED BY COMPLETED. RESIDES, APPROVED AND THE TO PAY BUILT ORNAMING JAR REVIEWED AND APPROVED BY

- THE CITY.

  BASE COURSE SHALL NOT BE PLACED ON SUBGRADE UNTIL BASE REQUIREMENTS HAVE BEEN COMPLETED TESTED AND APPROVED BY THE CITY.

  ESTED AND APPROVED BY THE CITY.

  CONSTRUCTION WITH THE ROTH CONCRETE PAYEMENT SHALL UTILIZE MAG CLASS A CONCRETE FOR ALL CONSTRUCTION WITH THE ROTH CO-MAY. THE APPLICATION OF THE CHARL AND CUTTERS SHALL BE WATER TISTED IN THE PRESENCE OF THE CITY'S AUTHORIZED REPRESENTATION TO ENSURE PROPER DEARNIAGE, PRIOR TO FINAL APPROVAL BY THE CITY. WATER SHALL NOT POND MORE THAN X OF AN INCH. ANY PONDING THAT EXCELDS THIS MILL BE REMOVED AND REPLACED AT THE CONTRACTIONS EMPERS.
- THE CONTROL OF EARLY OF AN INCH. ANY PONDING THAT EXCEEDS THIS WILL BE REMOVED BY THE CITY OF SUPPLIES.

  THE EXACT POINT OF MATCHING, TERMINATION AND OVERLAY WILL BE DETERMINED IN THE FIELD BY THE CITY OF BUCKETE BOWNESHIND DEPARTMENT.

  THE EXACT POINT OF MATCHING THE STATE OF THE CITY OF BUCKETE BOWNESHIND OF THE CITY OF BUCKETE BOWNESHIND OF THE CITY OF BUCKETE BOWNESHIND OF THE CITY OF THE CITY OF ALL DIRT AND DEBMIS. ALL WATER SERVICE METER BOXES SHALL BE SET TO HAVE THE TOP OF THE BOY ELEVAND MATCH TOP OF SEPARAL ELEVAND BY DEPARTMENT OF SEPARAL BOWNESHIND BY DOSE AND THE TOP OF THE BOY ELEVAND MATCH TO THE TOP OF THE BOY ELEVAND MATCH TOP OF THE BOY ELEVAND FOR THE THE BOY ELEVAND
- ALL SIZEMNG INSTALLED UNDER NEW STREETS SHALL BE DONE WITH SCH 80 PVC SIZEMNG CONDUIT UNLESS OTHERWISS. SPECIFIED.

  NO GROONO OF CONCRETE IS ALLOWED IN THE CITY OF BUCKEYE. REVERSE FLOW IN CURB GUTTER AND VALLEY GUTTERS WILL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EMPENSE.

  CONCRETE REPAIR WILL NOT BE ALLOWED IN THE CITY OF BUCKEYE. ALL DAMAGED CONCRETE SHALL BE REMOVED AND REPLACED TO THE NEAREST JOINT.

  ALL ASPHALT JOINTS SHALL BE SEALED PRIOR TO THE FRAM WALK THROUGH. THE REPLACED TO THE CONCRETE APPORTS AND VALLEY GUTTERS.

  ALL MILLINGS FROM PUBLIC PROJECTS SHALL BE GOVEN TO THE CITY OF BUCKEYE PUBLIC WORKS DEPARTMENT ALL MILLINGS FROM PUBLIC PROJECTS SHALL BE GOVEN TO THE CITY OF BUCKEYE PUBLIC WORKS DEPARTMENT ALL MILLINGS FROM PUBLIC PROJECTS SHALL BE GOVEN TO THE CITY OF BUCKEYE PUBLIC WORKS DEPARTMENT ALLOWED IN BUCKEYE.

- HIGH SPOTS IN ASPHALT SHALL BE REMOVED AND REPLACED. REJEATING OR BURNING OF ASPHALT IS NOT ALLOWED IN BUDGETE.

  ALL ASPHALT SHALL BE SAW OUT TO A CEAN TIME EDGE FOR THE FULL FACE OF THE SECTION PRIOR TO THYO, IN, MULLO DECE WILL BE EVALUATED BY THE CITY INSPECTIOR FOR PESSIELE, ACCOPTING ENABLE CONTROL STRUCTURES, SURVEY MONUMENT LOCATIONS AND ALL SIGNING AND STREPING SHALL BE SUBMITTED PRIOR TO ACCEPTANCE OF THE COMPLETED RIGHT—ONLY INSPECTION INCLUDING UTUTY ADJUSTMENTS, ALL MEROVEMENT WORK SHALL BE APPROVED BY THE CITY INSPECTION INCLUDING UTUTY ADJUSTMENTS, ALL MEROVEMENT WORK SHALL BE APPROVED BY THE CITY INSPECTION INCLUDING UTUTY ADJUSTMENTS, DURING ALL PARKO OPERATIONS AN ADDITIONAL LAS TECHNICAL SHALL BE LOCATED ATT THE ASPHALT PROVIDED IN THE ASPHALT BY ADJUSTMENT AND ADDITIONAL LOS OFFICE AND ADDITION

ALL CITY OF BUCKEYE GENERAL NOTES & UTILITY NOTES ARE ACCESSIBLE ON THE CITY'S WEBSITE AT WWW.BUCKEYEAZ.GOV, UNLESS OTHERWISE ATTACHED.

<u> </u>		
ARIZONA PUBLIC SERVICE (APS)	APS LOCATE DEPT.	(602) 493-4225
CENTURY LINK-LUMEN	USIC DISPATCH CENTER	(800) 778-9140
CITY OF BUCKEYE	PAUL NUÑO	(623) 349-6200
COX COMMUNICATIONS	USIC DISPATCH CENTER	(800) 778-9140
ROOSEVELT IRRIGATION DISTRICT	STEVE HARRIS JR.	(623) 271-1114

#### PROJECT SPECIFIC NOTES

- HOPE ALTERNATE BID ITEM
  THE CONTRACTOR SHALL BID HOPE MATERIAL AS AN ALTERNATE BID ITEM FOR ALL LINEAR PIPING NOT INCLUDING THE LIMITS OF THE
  CONTROL VALVE ASSEMBLY AND THE CONNECTION TO EXISTING TANK LIMP SUM BID ITEMS.
  PIPE SHALL BE 16" IPS DR-11 AND IN ACCORDANCE WITH SECTION 33 14-14.
  CONTRACTOR MAY SEND THE HOPE PIPE IN LEU OF PIPE DETECTIONS LESS THAN 5 DEGREES. HOPE FUSED FITTINGS MAY BE USED IN
- LIEU OF DIP FITTINGS. CONTRACTOR SHALL USE RESTRAINED MJ ADAPTERS TO CONNECT TO GATE VALVES. SUBMIT PROPOSED MATERIALS FOR REVIEW AND
- APPROVAL.
  CONTRACTOR SHALL INSTALL AN INLINE CONCRETE ANCHOR BLOCK AT THE CONNECTION TO THE EXISTING WATER LINE AT RAINBOW ROAD
  IF THE EXISTING WATER LINE IS NOT RESTRAINED, SUBMIT PROPOSED ANCHOR BLOCK FOR REVIEW AND APPROVAL. 1.5
- IF THE EXISTING WATER LINE IS NOT RESTRAINED, SUBMIT PROFUSED AND THE GOOD TO THE THE THE THE STATE BID ITEM TO SHALL BUT FLOW THE CONTRACTOR AND THE CONTRACTOR AND THE CONTRACTOR AND THE CONTRACTOR AND THE CONTRACTOR THE FLOW THE CONTRACTOR THE FLOW THE CONTRACTOR THE FLOW THE CONTRACTOR THE FLOW THE FLOW THE CONTRACTOR THE FLOW THE
- EXCEED 50% OF THE MANUFACTURER'S RECOMMENDATIONS
- ONTRACTOR SHALL USE MECHANICAL JOINT RESTRAINT AT ALL CONNECTIONS TO DUCTILE IRON FITTINGS AND VALVES.
  CONTRACTOR MAY INSTALL PIPE BY OPEN CUT ACROSS BID IRRIGATION LINES IF PERFORMED DURING THE ANNUAL DRY UP PERIOD. LINE MAY
  BE INSTALLED WITH A 2" MINIMUM CLEARANCE AND CONCRETE ENCASE THE RID LINE. REFER TO COORDINATION REQUIREMENTS IN THE PLAN SHEET. ALL SURFACES MUST BE RESTORED TO EXISTING OR BETTER CONDITION AND IS INCLUDED IN THE LUMP SUM BID ITEM FOR SURFACE RESTORATION.
- RESTORATION.

  REPLACEMENT WITHIN 45" OF THE EDGE OF PACHESTI MUST BE EXTENDED TO THE EDGE OF PACHESIST FER MAD DETAIL 201

  APPLACEMENT OF THE EDGE OF PACHESIST REPAIRS AND OUTSING OF THE UNITS SHOWN SHOULD BE REPLACED AT NO ADDITIONAL COST.

  STRIPING SHALL BE RESTORED TO EXISTING OR BETTER CONDITIONS AND IS SUBSIDIARY TO THE COST OF THE PROJECT

  CONTRACTOR SHALL ALLOW UNRESTRICTED STEE ACCESS TO AT LEAST ONE ENTRANCE TO THE JACKET, MECK MAPER CAMPUS AT ALL
- TIMES MAY TRAFFIC MUST BE MAINTANED AT ALL TIMES WITH THE EXCEPTION ON BROLDWAY RO EAST OF WATSON BO, ONE—MAY TRAFFIC WITH FLAGGERS IS ALLOWED DURING WORKING HOURS WITH THOU AND "TRAFFIC BIOR EQUIRED USINGS OF WORKING HOURS FOR BROADWAY RO EAST OF WATSON BO ONLY. CONTRACTOR IS RESPONSIBLE FOR ENSURING SAFE PASSAGE FOR ALL TRAFFIC IN ACCORDANCE WITH CITY AND STATE STANDARDS.

- THIS PROJECT HAS BEEN DESIGNED USING THE CURRENT 2021 EDITION OF CITY OF BUCKEYE ITS STANDARDS AS SHOWN IN THE PLAN DETAILS AND ADDIT 2021 STANDARD SPECIFICATIONS FOR FOAD AND BRIDGE CONSTRUCTION.

  THE CONDUIT NOTES ONLY SHOW INFOSC CALLES THAT ARE AFFECTED BY THIS PROJECT. THE CONTRACTOR IS CAUTIONED THAT THERE MAY BE INFOCUSED. THE CONTRACTOR IS CAUTIONED THAT THERE MAY BE ALL PROPOSED CONDUIT SHALL BE INSTALLED BY MEANS OF OPEN TRINCHING, EXCEPT MIFER TRENCHESS METHODS ARE SPECIFICALLY ALLED FOR ONLY THE CONTRACTOR HAY ELECT TO ALTER THE INSTALLATION METHOD CALLED FOR ONLY BE INSTALLATION METHOD CALLED FOR ONLY BE INSTALLATION METHOD. AT IN OPEN AND THE OF DESIGN AND THE DESIGNAR'S JUDGEMENT. THE CONTRACTOR MAY ELECT TO ALTER THE INSTALLATION METHOD, AT NO ADDITIONAL COST TO THE DEPARTMENT, IF THE CONTRACTOR MAY ELECT TO ALTER THE INSTALLATION METHOD, AT NO ADDITIONAL COST TO THE DEPARTMENT, IF THE CONTRACTOR MAY ELECT TO ALTER THE INSTALLATION METHOD, AT NO ADDITIONAL COST TO THE DEPARTMENT, IF THE CONTRACTOR MAY ELECT TO ALTER THE INSTALLATION METHOD, AT NO ADDITIONAL COST TO THE DEPARTMENT OF THE CONTRACTOR METHOD. THE CONTRACTOR MAY ELECT TO ALTER THE INSTALLATION METHOD, AT NO ADDITIONAL COST TO THE DEPARTMENT OF THE CONTRACTOR METHOD. THE CONTRACTOR METHOD AND THE PLANS THE WENT OF THE CONTRACTOR METHOD TO CONTRACTOR MOST OF "ALTERNAL METHOD WOULD BE MORE ASSONION ON THE PLANS. THE WENT OF THE CONTRACTOR PROVED TO PROVIDE THE THAN AS SHOWN ON THE PLANS. THE WENT OF THE CONTRACTOR PROVIDE TO PROVIDE THE METHOD AND COMMENCEMENT OF MOST ACTIVITY THE SUBJECT.

- METHOD SHALL BE APPROVED BY THE ENDIREEP PRIOR TO GREENING OF MATERIALS AND COMMENCEMENT OF WORK ACTURTY AT THE SUBJECT CONTROLL OF THE CONTRO
- 1. THE CONTRACTOR SHALL NOTIFY A2811 (BLUE STAKE) (602-263-1100) AT LEAST 2 WORKING DAYS PRIOR TO ANY EXCAVATION. THE CONTRACTOR SHALL DECIDE A BLUE STAKE ASSESSMENT WITH THE CITY STATION THAT THE CITY WALL BLUE STAKE CITY OWNED PACILITIES IN CONTRACTOR SHALL DECIDE AS BLUE STAKE CITY OWNED PACILITIES IN THE PROPERTY OF THE PROPERTY OF THE THE PROPERTY OF THE PROP

- HE CONTENT OF CHARGE RESENTANCE FOR MAIN JANUARY ALL EXPLINE PLANT
  HE CONTENT OF THE PROPERTY OF PROPERTY OF THE ENGINEER PERSONNEL. THE PROPERTY OF THE PROPERTY OF THE ENGINEER PERSONNEL. THE PROPERTY OF THE ENGINEER PROPERTY OF THE ENGINEER PROPERTY OF THE ENGINEER PROPERTY OF THE PR
- CONDUITS, AND FITTINGS CAN BE FOUND AT: HTTPS: //WWW.BUCKEYEAZ.GOV/HOME/SHOWPUBLISHEDDOCUMENT/10580

**GENERAL NOTES** 

Kimley»Horn SUBMITT N 16TH ST. SUITE 300, PHOENIX, AZ 85020 I 602-944 OR PERMITTING 100% AS-BUILT SEA 8/26/2022 191342029 3 OF 44 G-03

#### ROOSEVELT IRRIGATION DISTRICT GENERAL NOTES

- b. UTILITY CROSSES PERFE c. ABOVE GROUND UTILITY UTILITY CROSSES PERPENDICULAR
- 2' HORIZONTAL 1' VERTICAL BELOW 4' HORIZONTAL

PIPE SIZE (IN)	PIPE O.D.* (IN)
24*	30*
30"	37*
36"	44"
48"	58"
60"	73.5"

## ROOSEVELT IRRIGATION DISTRICT DIRECTIONAL BORE NOTES

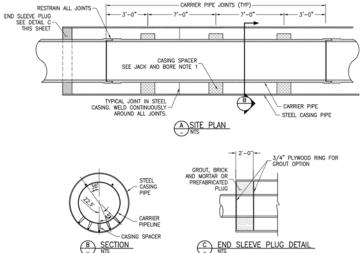
- ROOSEVELT IRRIGATION DISTRICT DIRECTIONAL BORE NOTES

  1. DIRECTIONAL BORE PER MAG SID SPECIFICATION 608.
  2. DIRECTIONAL BORE PER MAG SID SPECIFICATION 608.
  3. MINIMUM CLEARANCE FROM BOTTOM OF ENSITING DISTRICT'S RAGILITY TO TOP OF CASING PIPE:
  4. EXIST LINED 47.
  4. EXIST LINED 47.
  4. EXIST LINED 47.
  5. ALL BORE AND RECEIVED 47.
  6. EXISTING BOX COLUMENT 3. FI FROM BOTTOM OF STRUCTURE D. EXIST PIPELINE 47.
  6. LINESS OF AND RECEIVED 47.
  6. FI FROM BOTTOM OF STRUCTURE D. EXIST PIPELINE 47.
  6. THE STANDARD STRUCTURE AND STRUCTURE CONTROL OF STRUCTURE D. EXIST PIPELINE 47.
  6. NO MANHOLES, RISERS, VALVES, OR OTHER SAMLAR FACULTES ARE TO BE PLACED DISTRICT'S RAY EASEWAYS (INCLUDING ALL SCHIPE).
  6. NO MANHOLES, RISERS, VALVES, OR OTHER SAMLAR FACULTES ARE TO BE PLACED DISTRICT'S RAY EASEWAYS FOR DISTRICT'S RAY EASEWAYS.
  6. COMMETELY PREDOVE ALL DISTRICT SAML AS AFTER COMMETION OF DISTRICTION OF DISTRICT'S AND THE STRUCTURE OF THE MAIN CANAL LATERIAL PRODVE ALL DISTRICT SAML AT ALL TIMES PROTECT THE INTEGRITY OF THE MAIN CANAL LATERIAL SAML ANY APPURTEMENT DISTRICT FACILIES.
  10. THE DISTRICT'S CONSTRUCTION OBSERVER MAY REQUIRE CERTIFIED POTHOLES DO THE MAIN CANAL LATERIAL SAML DAY APPURTEMENT DISTRICT FACILIES.
  10. THE DISTRICT'S CONSTRUCTION OBSERVER MAY REQUIRE CERTIFIED POTHOLES DO THE MAIN CANAL LATERIAL SAML DAY APPURTEMENT DISTRICT FACILIEST OF THE MAIN CANAL LATERIAL SAML DAY APPURTEMENT DISTRICT FACILIEST OF THE MAIN CANAL LATERIALS AND DAY APPURTEMENT DISTRICT FACILIEST OF THE MAIN CANAL LATERIALS AND DAY APPURTEMENT DISTRICT FACILIEST OF THE MAIN CANAL LATERIAL SAML DAY APPURTEMENT DISTRICT FACILIEST OF THE MAIN CANAL LATERIAL SAML DAY APPURTEMENT DISTRICT FACILIEST OF THE MAIN CANAL LATERIAL SAML DAY APPURTEMENT DISTRICT FACILIEST OF THE MAIN CANAL LATERIAL SAML DAY APPURTEMENT DISTRICT FACILIEST OF THE MAIN CANAL LATERIAL SAML DAY APPURTEMENT DISTRICT FACILIEST OF THE MAIN CANAL LATERIAL SAML DAY APPURTEMENT DISTRICT FACILIEST OF THE MAIN CANAL LATERIAL SAML DAY APPURTEMENT DISTRICT FACILIEST OF THE MAIN CANA

#### ROOSEVELT IRRIGATION DISTRICT GRADING NOTES

- 1. THE CONTRACTOR SHALL PROVIDE SMOOTHLY AND EVENLY GRADED FINISHED GROUND SURFACES ABOUT ALL DISTRICT FACILITIES WITHIN THE PROJECT AREA AND BELDN SMOOTHLY INTO ENSITING GRADED.

  1. THE CONTRACTOR SHALL IMPORT ADDITIONAL FILL MATERIAL OF EVENCH FROM THE CONTRACTOR SHALL IMPORT ADDITIONAL FILL MATERIAL OF EVENCH SHALL SHAL



#### Jack and Bore Notes

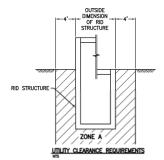
- A ADVANCE CASING SPACER OR APPROVED EQUINALENT.

  B. TWO BLOCK ANGLES VARY TO MAINTAIN RESURED CALEARANCES AND PROPER RESURED CALEARANCES AND PROPER OF RESTRANT ALL CARRIER PIPE JOINTS WITH FLEXIBLE JOINT RESTRANT OPTIONS (AMERICAN TEXT-RING) JOINT OR AN EQUINALENT) OR MECHANICAL JOINT RESTRANT (MECA LUGS OR AN EQUINALENT).

  D. END SALENYE PLUG SEE DETAIL C'THIS SHELT.
- JACK AND BORE PIPES MUST EXTEND FROM EDGE OF IRRIGATION DISTRICT'S R/W TO R/W.
- MINIMUM CLEARANCE FROM BOTTOM OF LINING OF DISTRICT'S CANAL TO TOP OF CASING PIPE OR ROAD GRADE:
- A. EXIST LINED

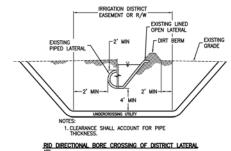
  8. EXIST UNLINED

  4 FT
  6 FT FROM BOTTOM OF
  NEW SHOTCRETE LINING
- ALL BORE AND RECEIVING PITS MUST BE CONSTRUCTED COMPLETELY OUTSIDE OF DISTRICT'S R/W (INCLUDING ALL SLOPING).
- BORE AND RECEIMING PITS MUST BE BERMED TO THE TOP OF CANAL ELEVATION. THE SIDESLOPES SPECIFIED WILL NOT BE STEEPER THAN 2:1.
- NO MANHOLES, RISERS, VALVES OR OTHER SIMILAR FACILITIES ARE TO BE PLACED IN ANY PORTION OF THE DISTRICT'S R/W.
- ALL AFFECTED PORTIONS OF THE DISTRICT'S R/W, INCLUDING ROAD SURFACES, SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER.
- COMPLETELY REMOVE ALL DIRT AND DEBRIS AFTER COMPLETION OF JACK AND BORE CONSTRUCTION.
- 10. ANNULAR SPACES TO BE FILLED PER MAG 602
- SEE JACK AND BORE NOTES IN RID RIGHT-OF-WAY CROSSING PERMIT



NOTES: ZONE A: NO UTILITIES PERMITTED WITHIN THIS ZONE. SEE NOTE 10 GENERAL NOTES.

RID STRUCTURE IS DEFINED AS A TURNOUT STRUCTURE, MANHOLE, HEADWALL ETC.



DISTRICT GENERAL NOTES

ENGINEER INFORMATION Kimley 7740 N 16TH ST, SUITE 300, PH COB PERMITTING APPROVED SEAL		02-944-5500 VG	AL:	100% SUBMITTAL
			SUBMITTAL	
AS-BUILT SEAL	DESIGN SEAL  100 SEON  100		COB PLAN TRACKING#	£00 #
ORIGINAL PLAN DATE 8/26/2022	LATEST REVISION	DATE	LAN TR	COB PERMIT # ENGCIP-22-0003
PROJECT NUMBER 191342029	4 OF 44	G-04	COB P	COB P ENGCI

ROOSEVELT IRRIGATION

## PROPOSED WATERLINE PROPOSED ONSITE WATERLINE PROPOSED ITS CONDUIT FUTURE WATERLINE EXISTING ASPHALT ROAD CONCRETE PAVEMENT RIGHT-OF-WAY LINE FASEMENT LINE EXISTING SITE RETAINING WALL EXISTING CHAINLINK FENCE STORM DRAIN PIPE EXISTING UNDERGROUND PHONE OVERHEAD ELECTRIC EXISTING SANITARY SEWER LINE EXISTING IRRIGATION LINE EXISTING LINDERGROUND CARLE EXISTING LINDERGROUND ELECTRIC EXISTING SITE PLAN FUTURE RESERVOIR SITE EXISTING ONSITE WATER LINE EXISTING WATERLINE FUTURE ONSITE WATERLINE EXISTING RIPRAP EXISTING GROUND

CONCRETE

SYMBOL DESCRIPTION

AIR RELEASE VALVE

SYMBOL

ΑV

PERMANENT ASPHALT PAVEMENT REPAIR

PROPOSED BORE PIT

LEGEND

PROPOSED CITY OF BUCKEYE PULL BOX POWER POLE SANITARY SEWER CLEANOUT SANITARY SEWER MANHOLE STORM DRAIN MANHOLE STREET LIGHT WITH MAST ARM TELEPHONE MANHOLE TELEPHONE PEDESTAL TELEPHONE PULL BOX TELEPHONE RISER TELEPHONE VAULT TRAFFIC SIGNAL TRAFFIC SIGNAL PULL BOX TRAFFIC SIGNAL WITH MAST

AV/ARV AIR RELEASE VALVE No. NUMBER AVENUE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM NPDES APN ASSESSOR'S PARCEL NUMBER NRS NOT RISING STEM ASPHALT PAVEMENT NTS NOT TO SCALE ASPH ΑZ ARIZONA O&M OPERATIONS AND MAINTENANCE B/C BACK OF CURB O.D. OUTER DIAMETER BK BM BOOK OFF OFFSET OHE OVERHEAD ELECTRIC BENCHMARK P.E. PROFESSIONAL ENGINEER CBL CABLE PG PAGE POTHOLE C&G CURB AND GUTTER PRV PRESSURE REDUCING VALVE CENTERLINE P.U.E. PUBLIC UTILITIES EASEMENT COB CITY OF BUCKEYE PVC POLYVINYL CHLORIDE COMM COMMUNICATIONS RECORD DRAWING CONC CONCRETE CONTROL POINT RIGHT-OF-WAY ROAD DIA DIAMETER RD DCR DESIGN AND CONTROL REGULATIONS RGCP RUBBER GASKET REINFORCED CONCRETE BOX DUCTILE IRON PIPE RGRCP DOC DOCKET NUMBER RID ROOSEVELT WATER CONSERVATION DISTRICT DR DRIVE DTL DETAIL FIELD MEASUREMENT SURVEY EASTING SD STORM DRAIN SEC SECTION FA EACH EL, ELEV ELEVATION SQUARE FEET ELEC ELECTRIC ST STREET STA STATION EOP EDGE OF PAVEMENT STD STANDARD ESMT EASEMENT EX, EXST EXISTING STL STEEL SWPPP STORMWATER POLLUTION PREVENTION PLAN FG PROPOSED FINISH GRADE SY SQUARE YARDS FL FLANGE FO FIBER OPTICS UNDERGROUND TELECOMMUNICATIONS FT FEET TANK WATER TYPICAL GV GATE VALVE TYP HDPE HIGH DENSITY POLYETHYLENE UNKNOWN UNDERGROUND ELECTRIC HORIZONTAL U.S. INFRASTRUCTURE COMPANY HPI HORIZONTAL POINT OF INFL INV INVERT, INVERT ELEVATION HORIZONTAL POINT OF INFLECTION USIC ULTRAVIOLET LIGHT IRON PIPE SIZE VERTICAL POINT OF INFLECTION ITS INTELLIGENT TRANSPORTATION SYSTEMS W WATER JMWC JACKIE A. MECK WATER CAMPUS LF LINEAR FEET LT LEFT METER MAG MARICOPA ASSOCIATION OF GOVERNMENTS MANF MANUFACTURER MCESD MARICOPA COUNTY ENVIRONMENTAL SERVICES DEPARTMENT

ABBREVIATIONS

APS ARIZONA PUBLIC SERVICE

MCR MARICOPA COUNTY RECORD
MG MILLION GALLONS

MIN MINIMUM

MISC MISCELLANEOUS

mm MILLIMETER

N NORTHING

MJ MECHANICAL JOINT

N/A NOT AVAILABLE

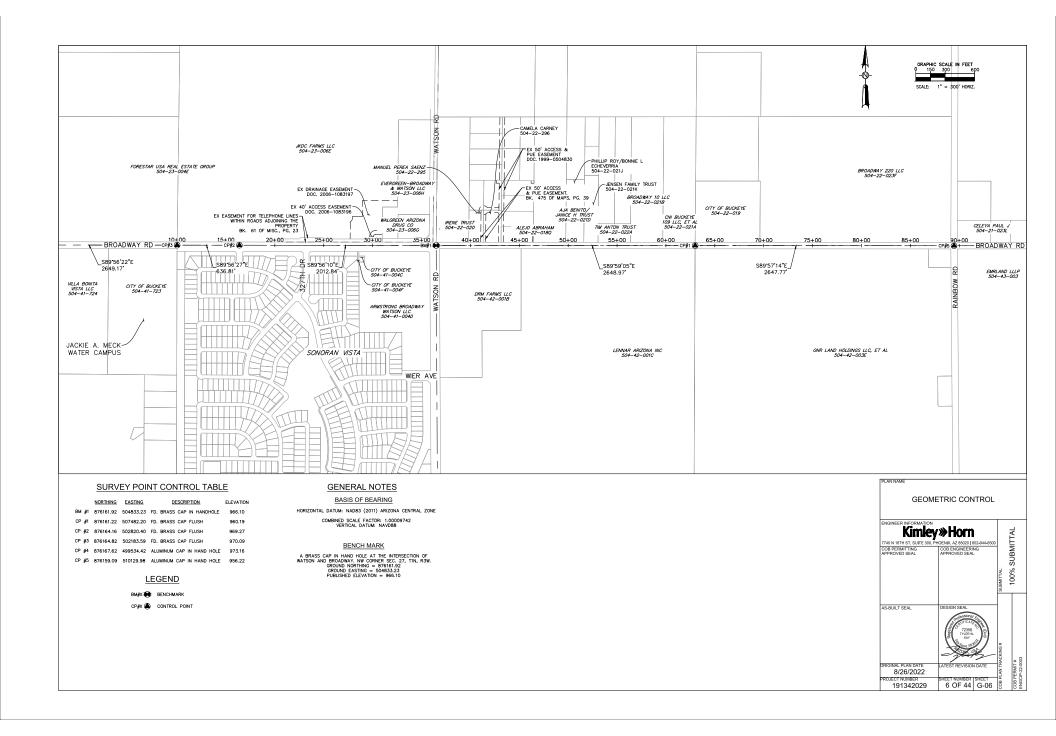
LEGEND AND ABBREVIATIONS

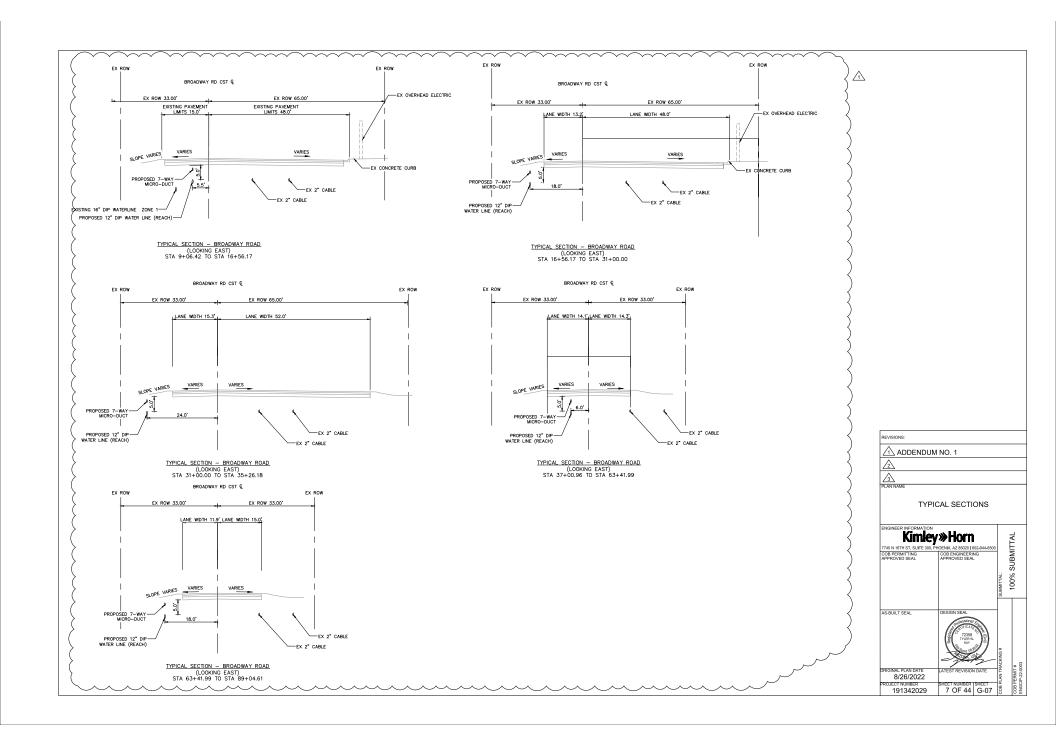
7740 N 16TH ST, SUITE 300, PH		602-944-5500		ITTAL
COB PERMITTING APPROVED SEAL	COB ENGINEERI APPROVED SEA	NG -	SUBMITTAL:	— 100% SUBMITTAI
AS-BUILT SEAL	DESIGN SEAL OFFICATION OF TOUR PROPERTY OF TOUR PARTY OF		COB PLAN TRACKING #	#
ORIGINAL PLAN DATE 8/26/2022	LATEST REVISIO	N DATE	LANTR	COB PERMIT # ENGCIP-22-0003
PROJECT NUMBER 191342029	5 OF 44	G-05	C08 P	COB P ENGCI

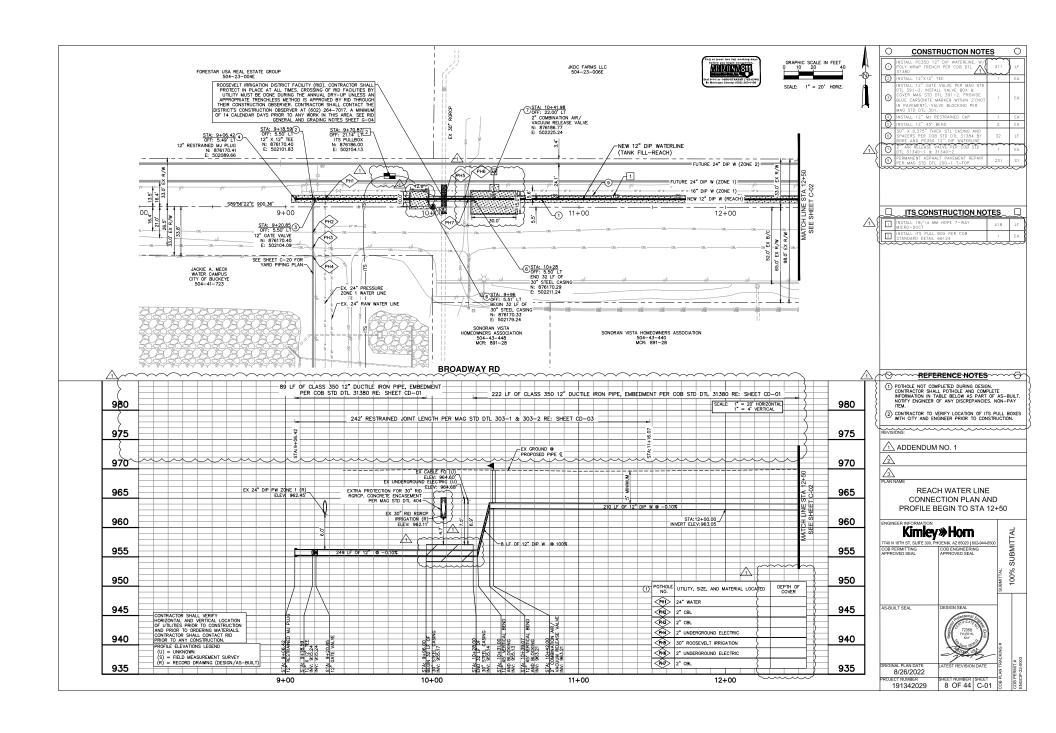
0 ALUMINUM CAP IN HAND HOLE BRASS CAP FLUSH 0 0 BRASS CAP IN HAND HOLE BOLLARD • BORE HOLE CABLE TELEVISION MANHOLE  $\overline{\mathbb{T}}$ CABLE TELEVISION VAULT CAB ELECTRICAL CABINET EQ ELECTRICAL EQUIPTMENT (E) ELECTRICAL MANHOLE EМ ELECTRICAL METER E ELECTRICAL PULL BOX ES FLECTRICAL SWITCH ΑV ELECTRICAL TRANSFORMER EV ELECTRICAL VAULT FOC FIBER CABINET **6**9 FIBER MANHOLE FV FIBER VAULT FIRE HYDRANT (G) GAS MANHOLE GM GAS METER GAS VALVE ₹ ∑§⊗ IRRIGATION CONTROL VALVE ® IRRIGATION MANHOLE (\*) LIGHT POST TREES

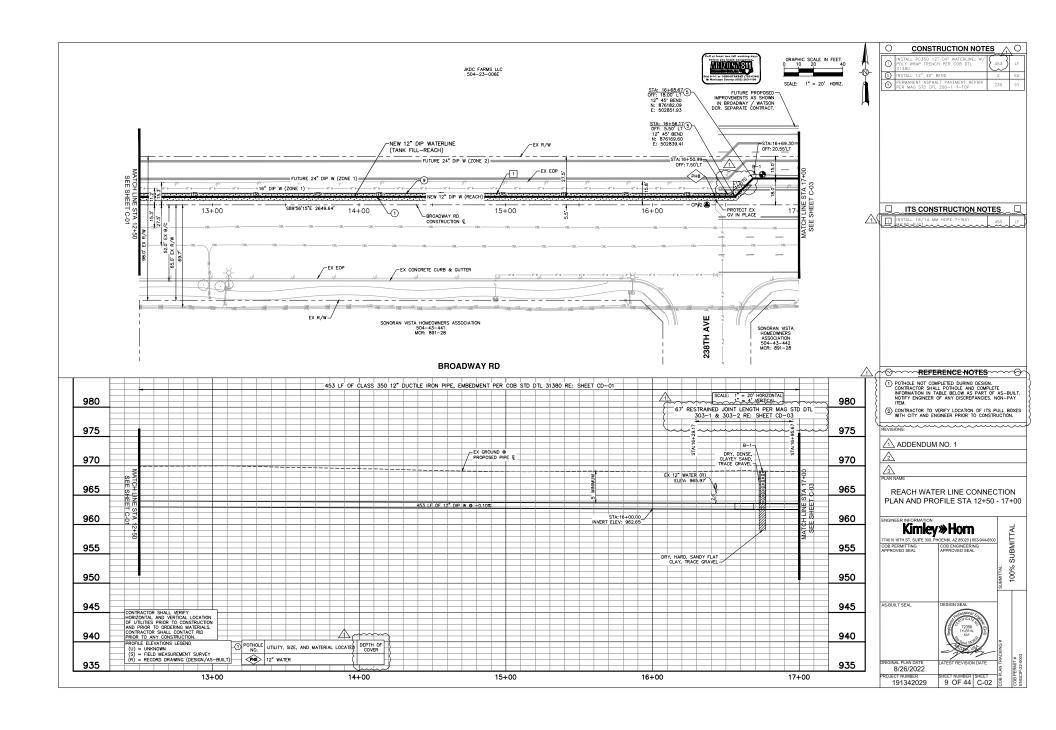
ф <u>©</u>  $_{\boxtimes}$  $\Box$ TV T ⊠1 TS Ŭ <del>IS</del> ▽ W WM

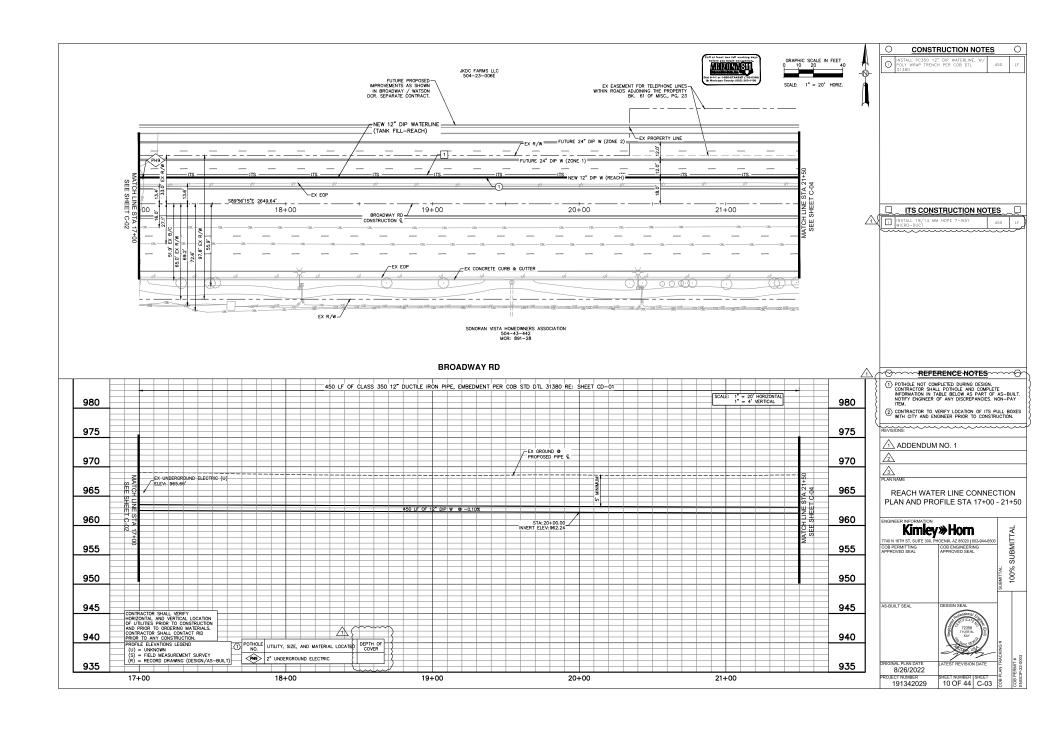
TRAFFIC SIGNAL VAULT WATER BACKFLOW PREVENTER WATER MANHOLE WATER METER WATER VALVE

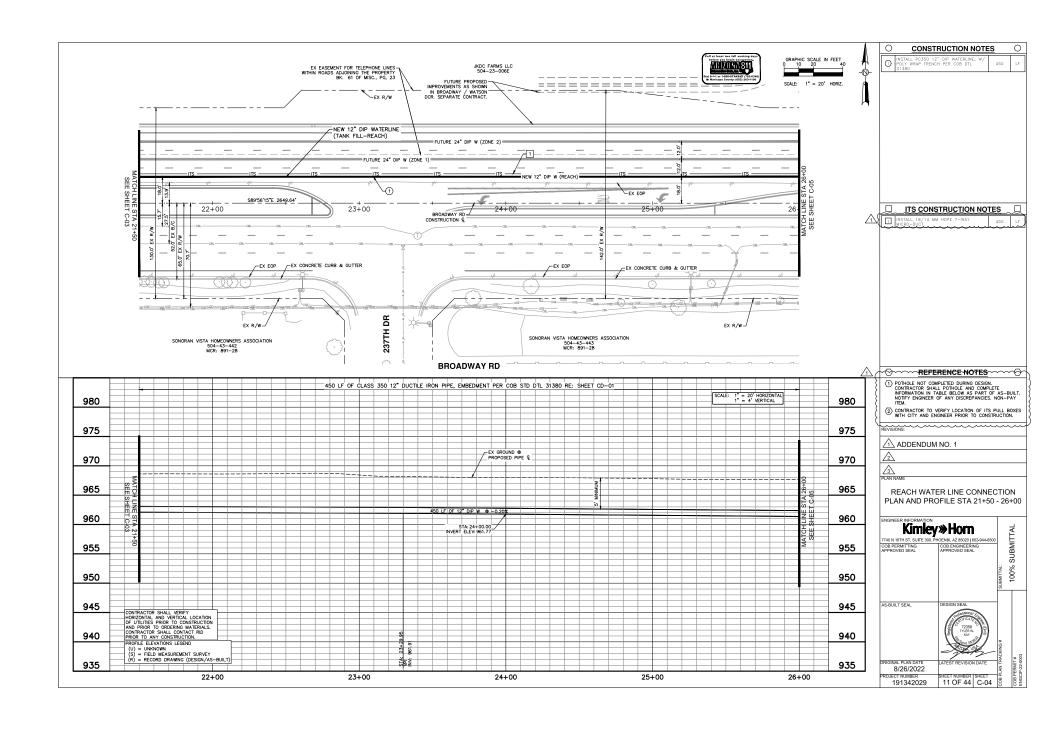


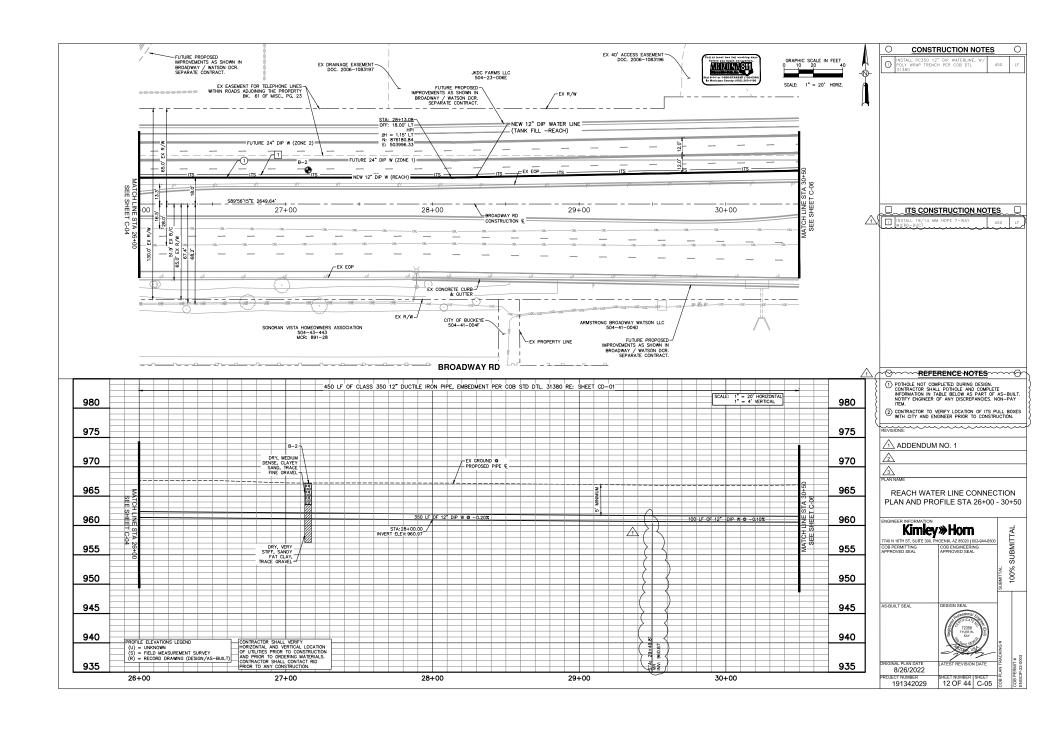


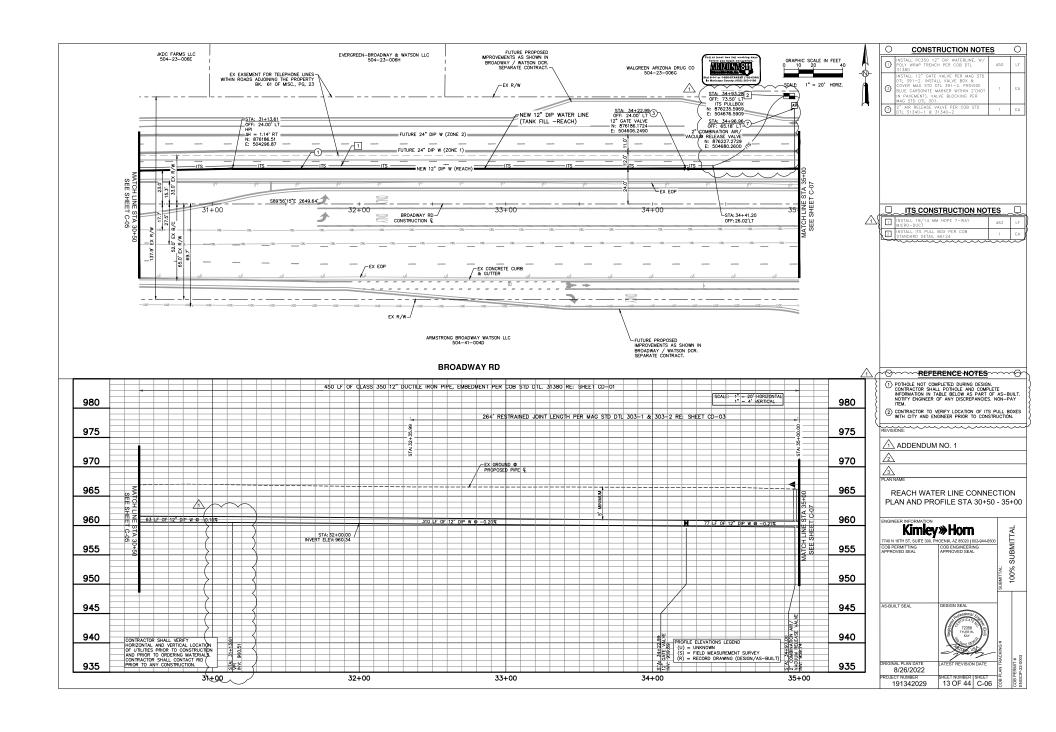


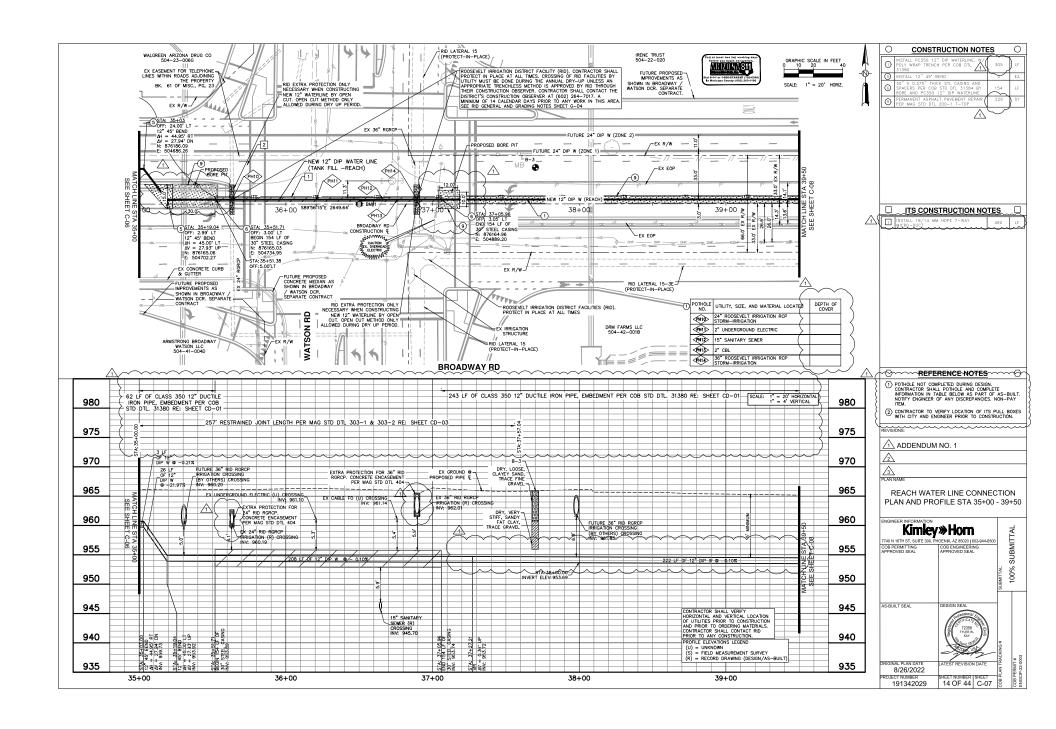


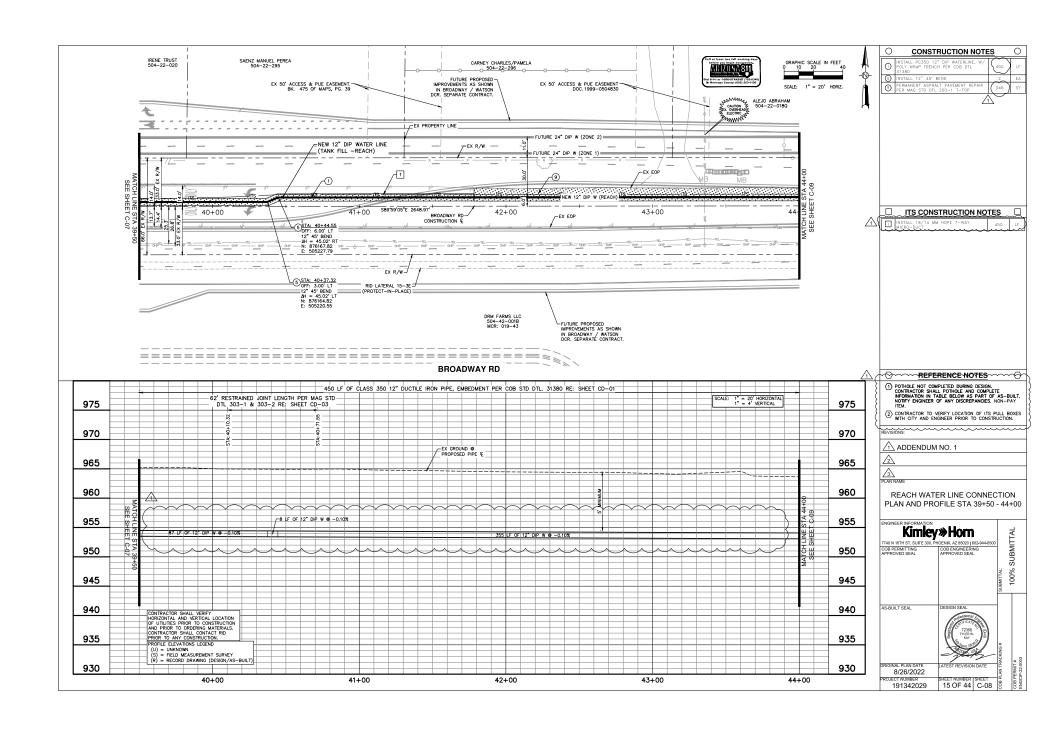


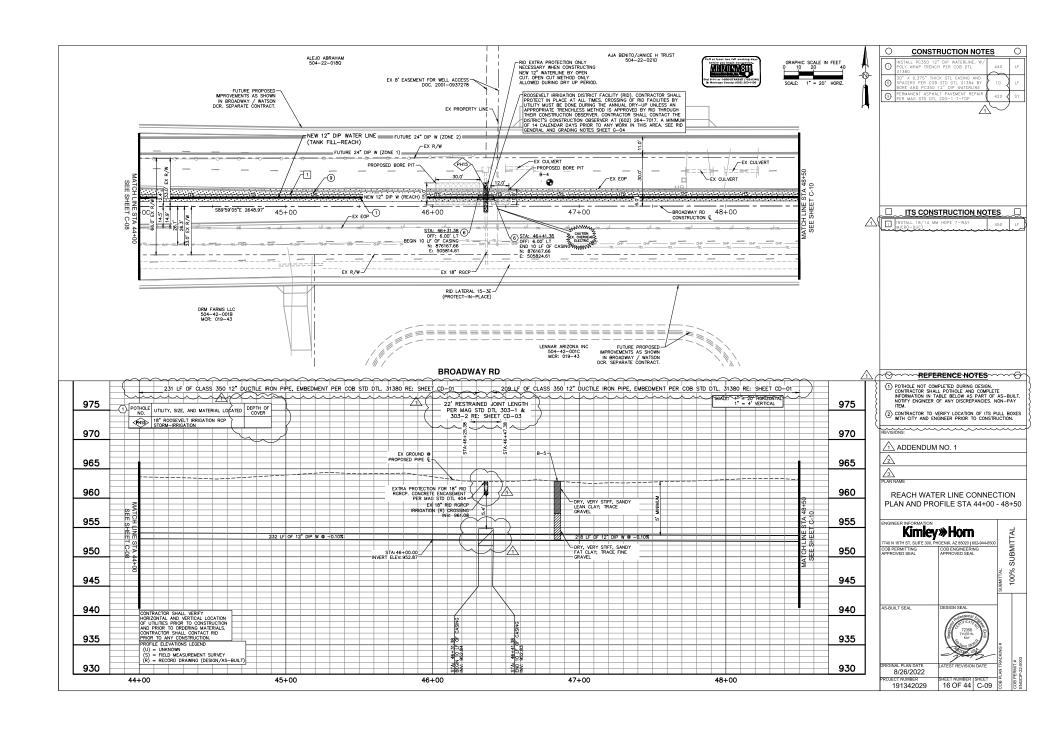


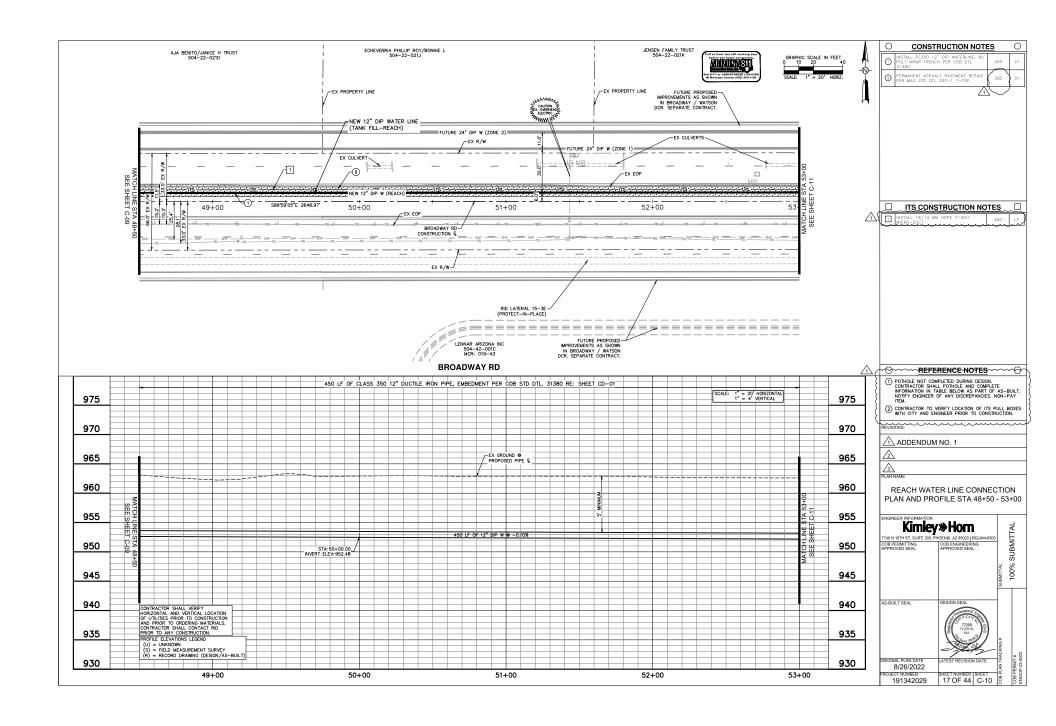


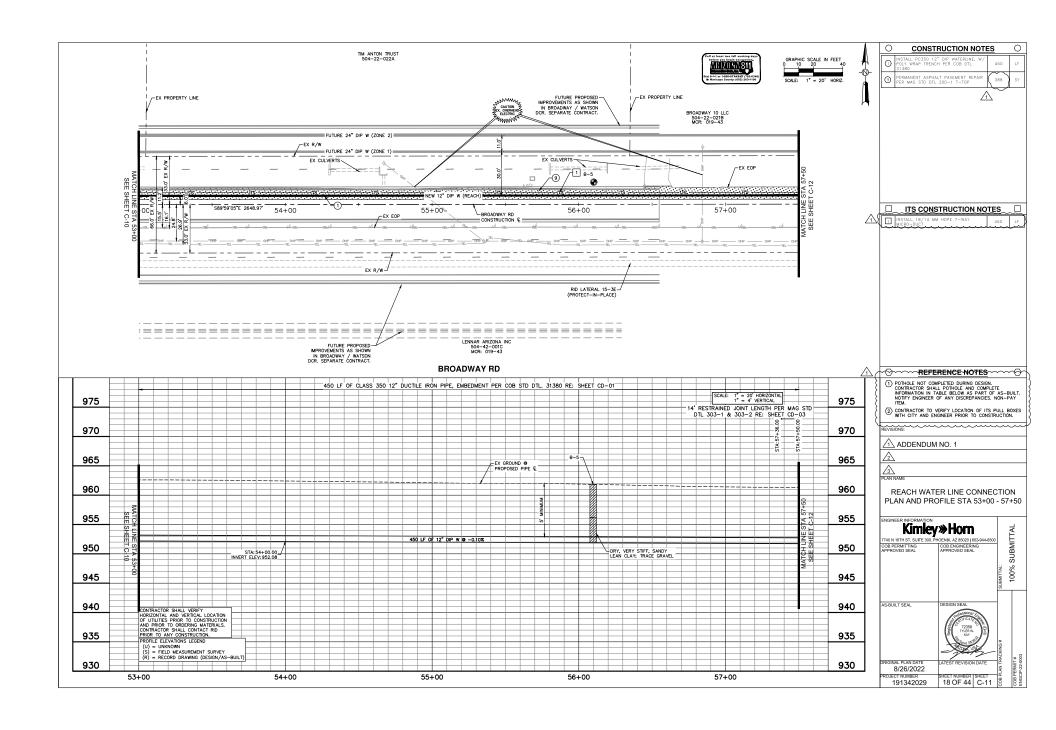


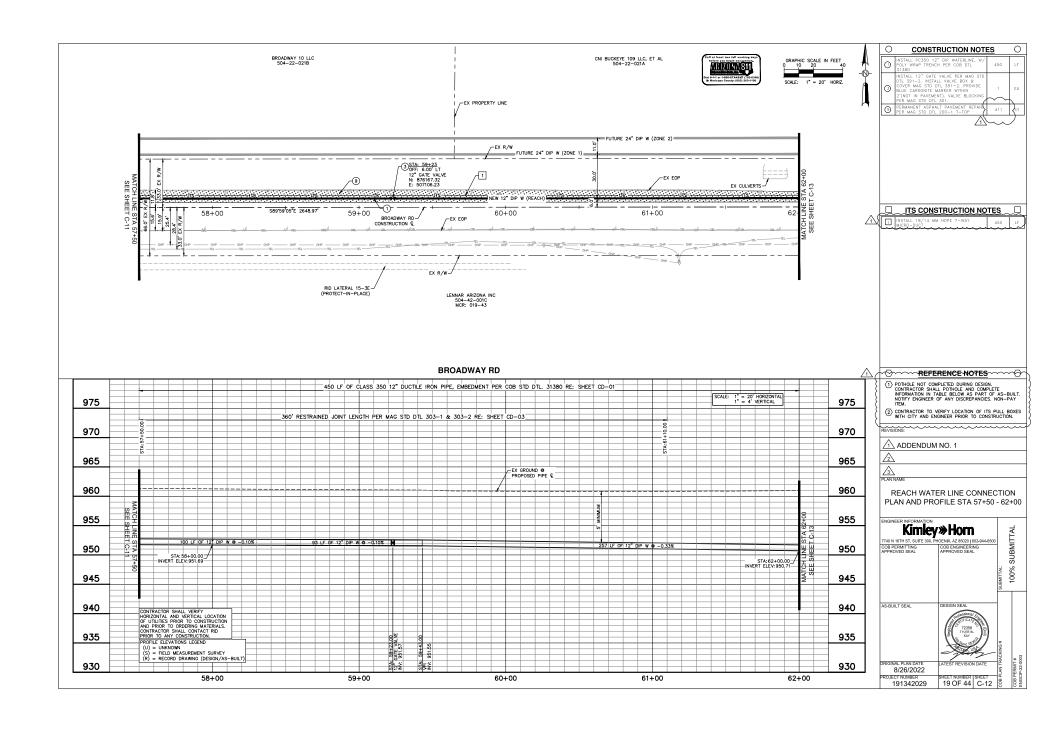


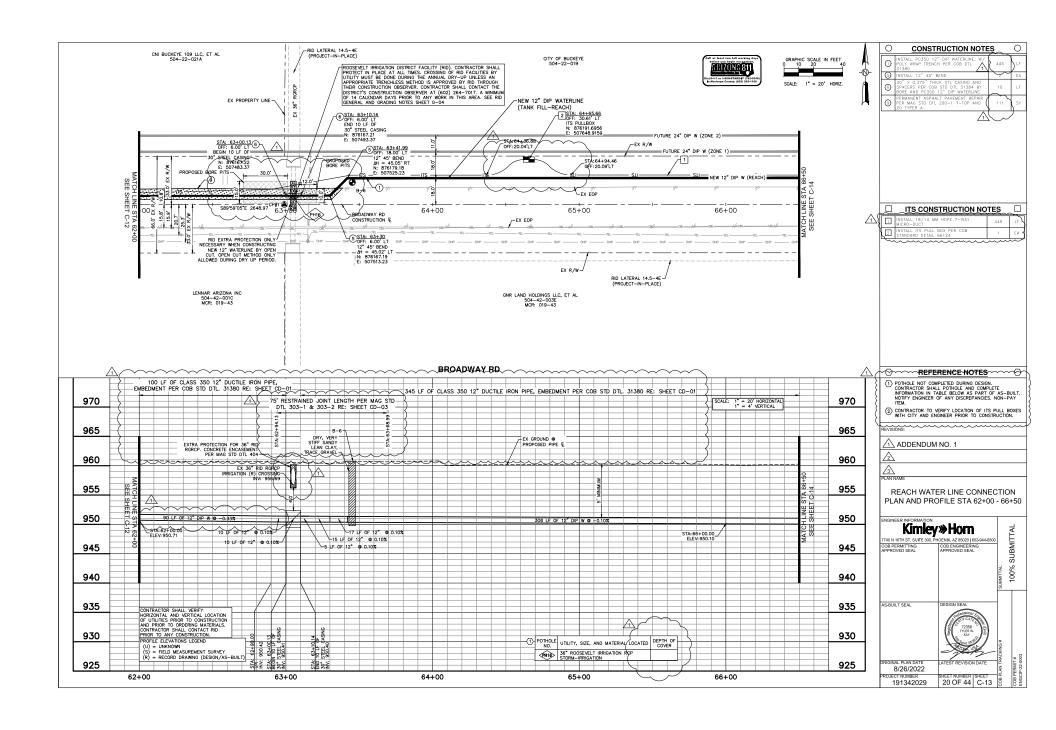


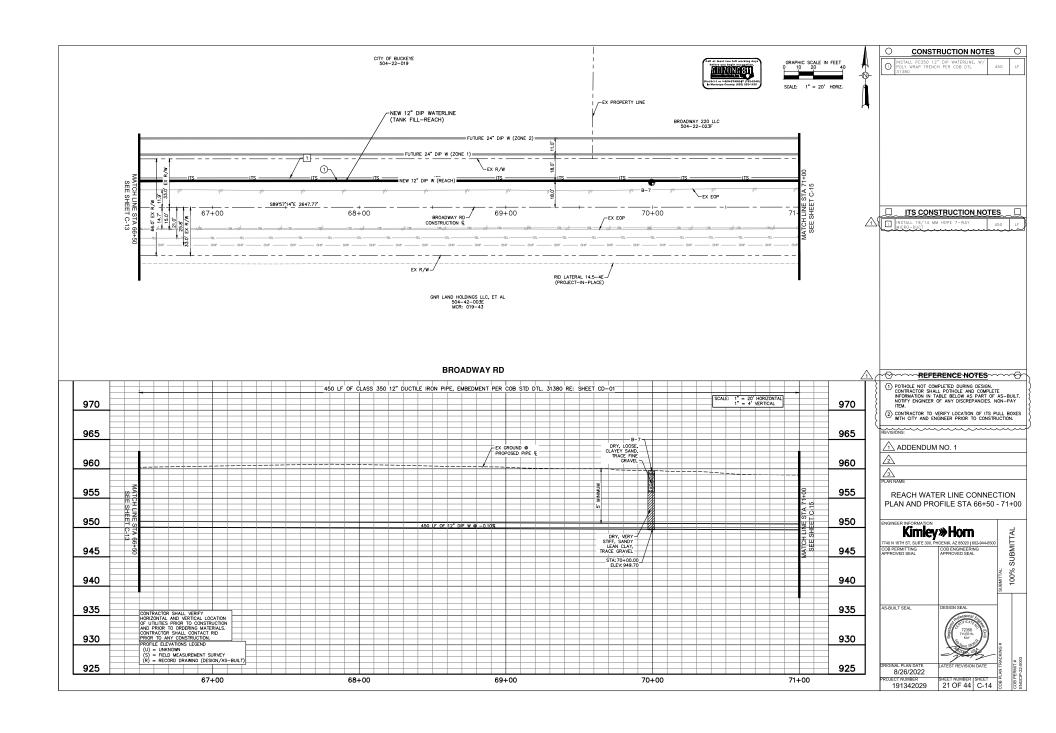


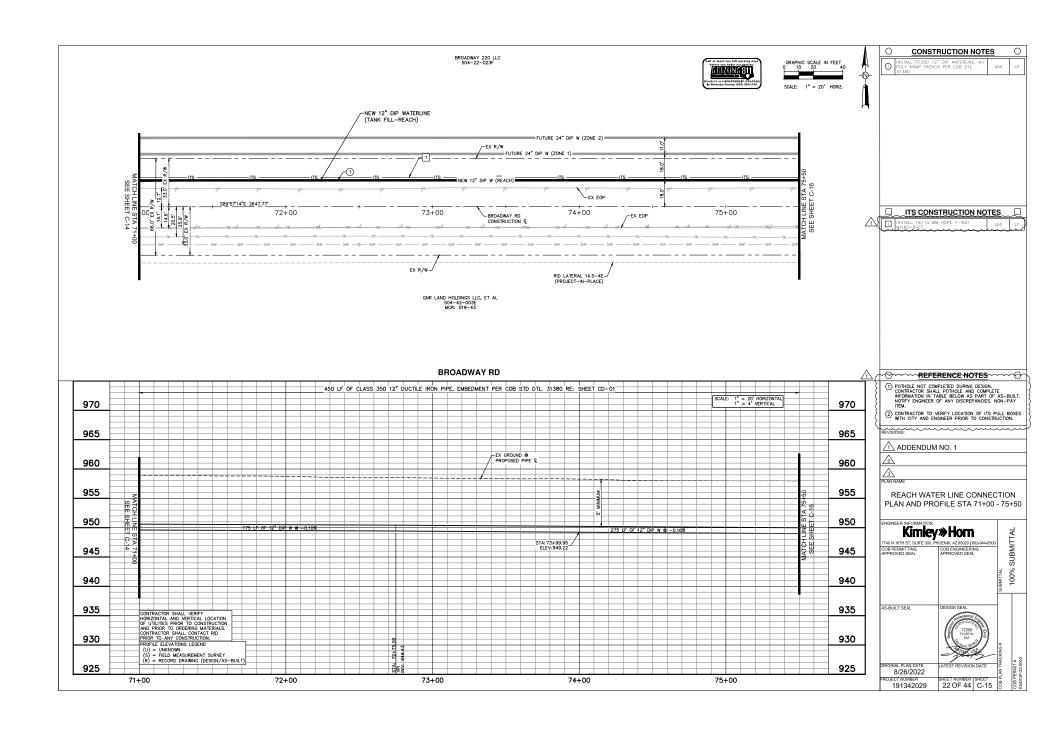


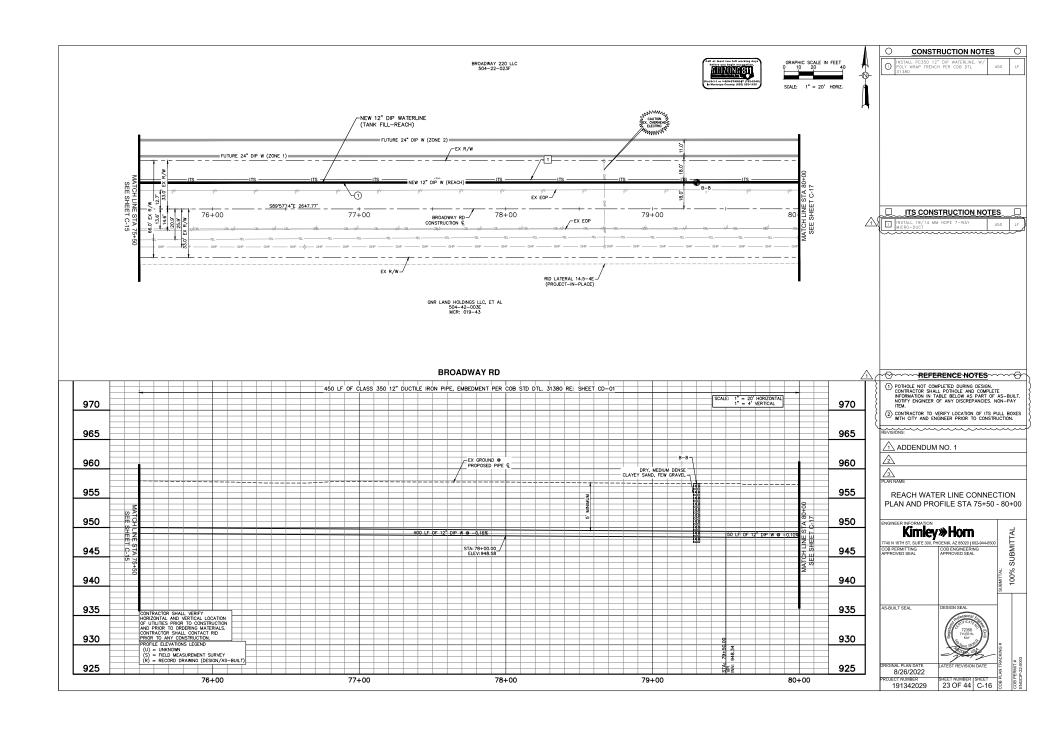


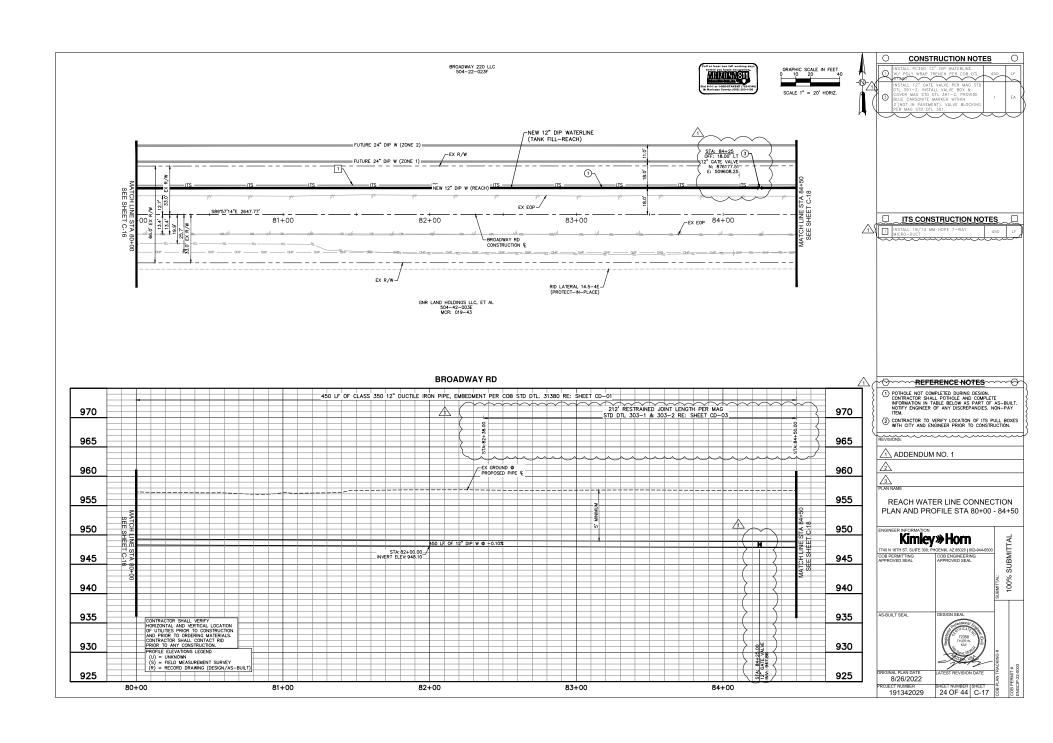


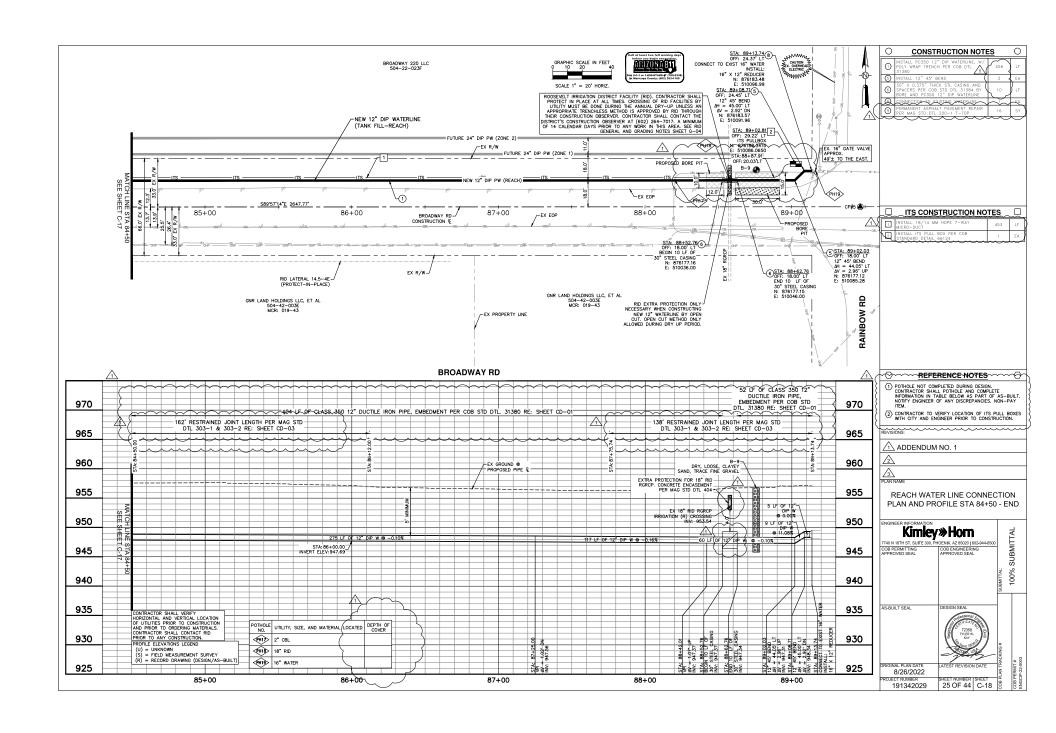


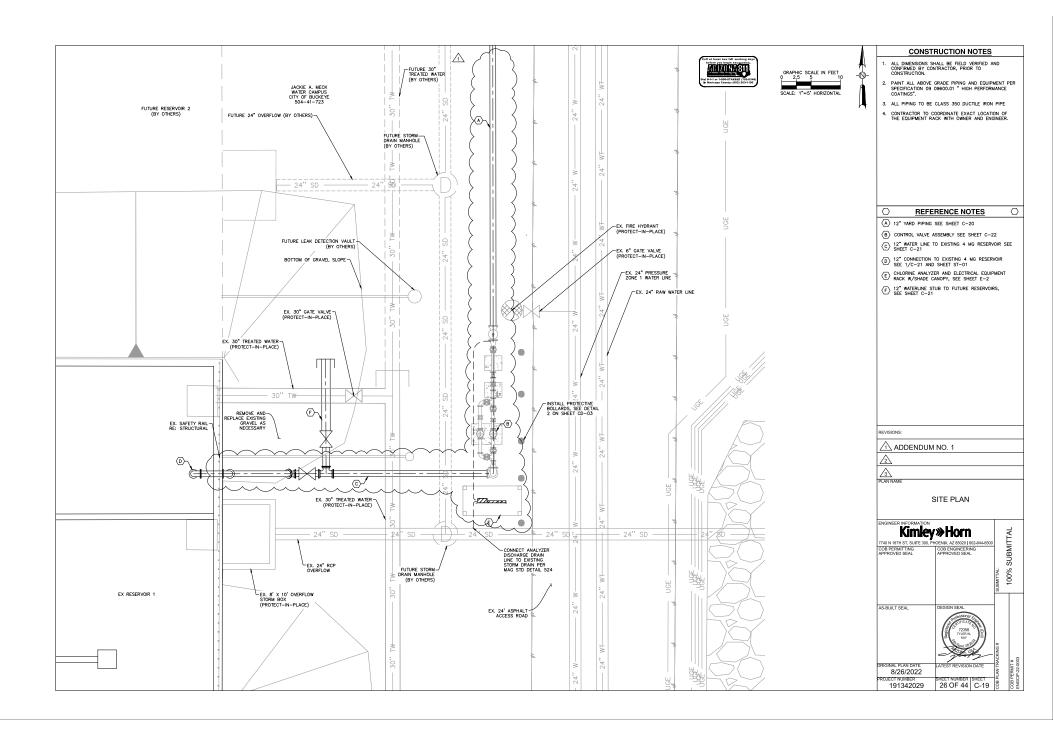


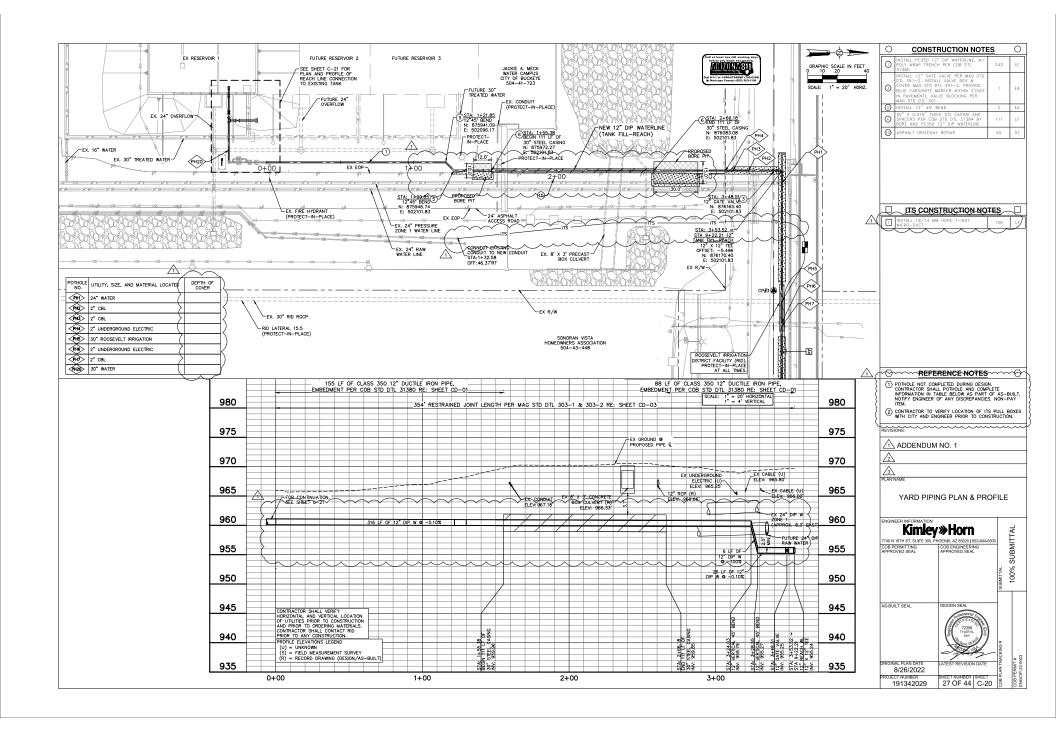


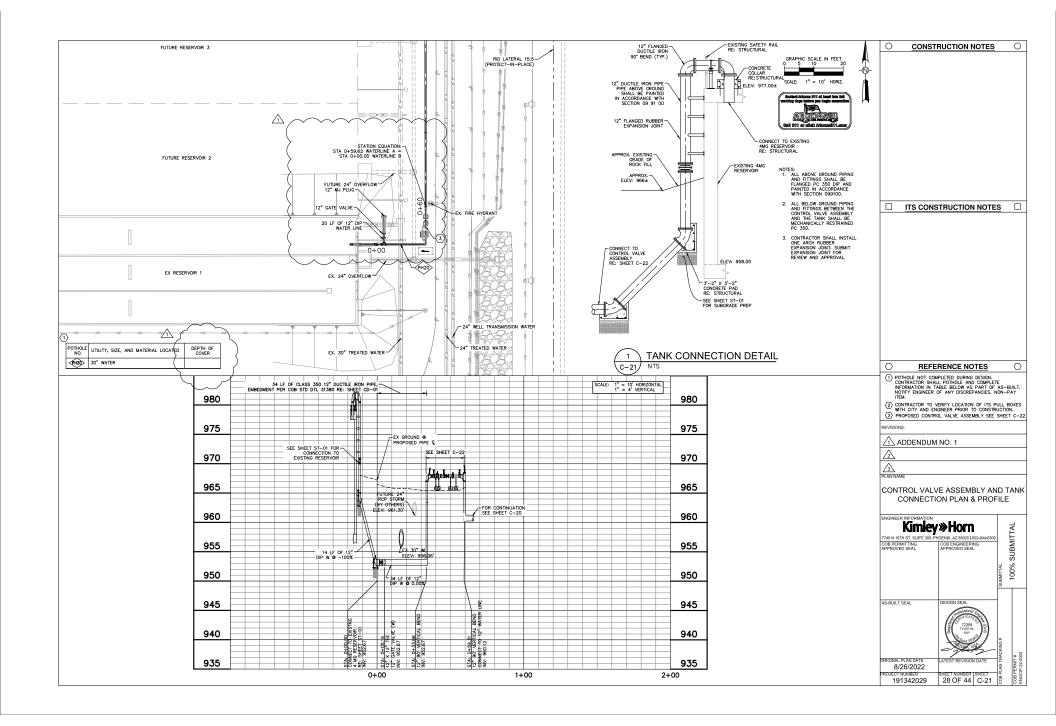


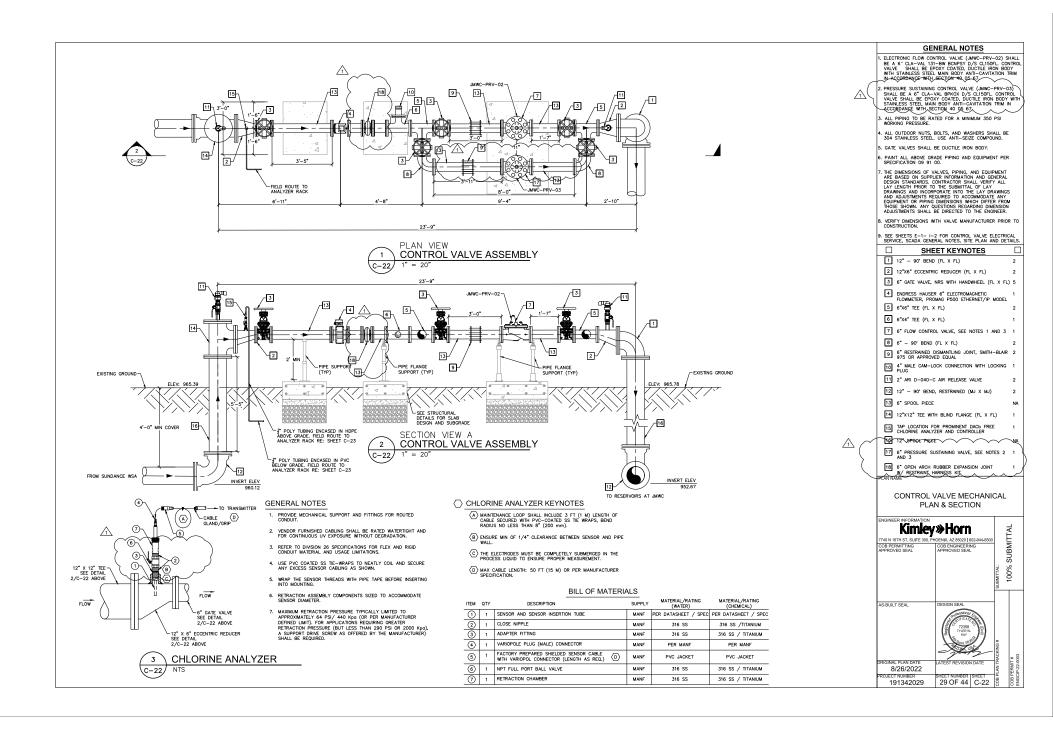


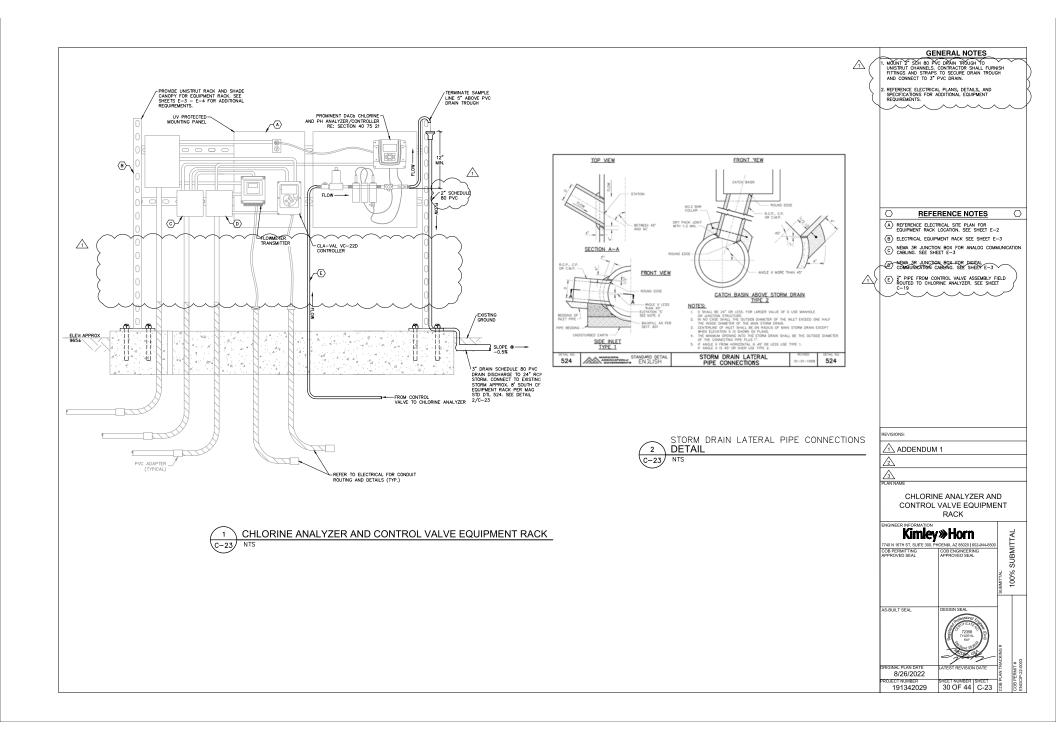


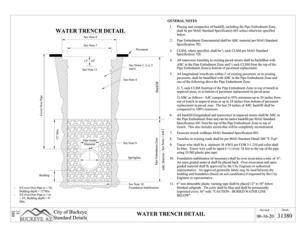


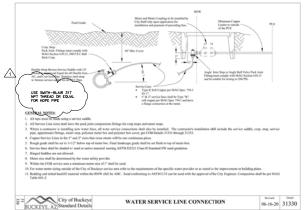


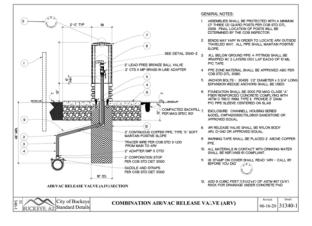










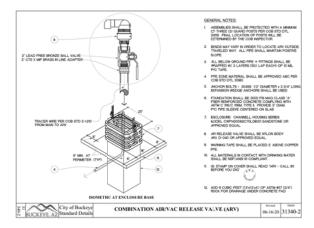




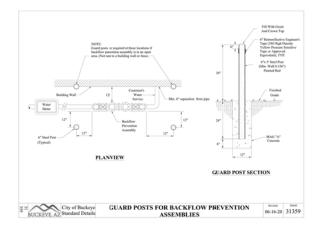




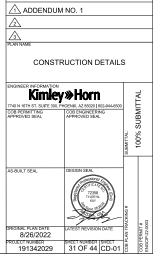
REVISIONS:

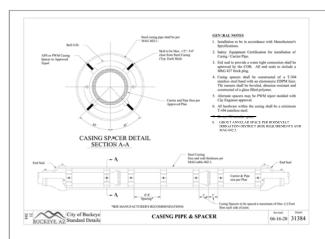


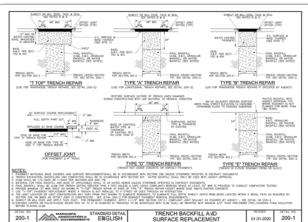


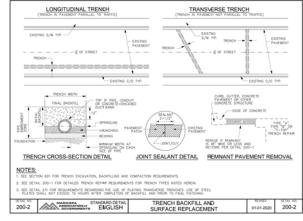


GUARD POSTS FOR BACKFLOW PREVENTION ASSEMBLIES DETAIL NTS

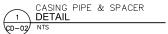


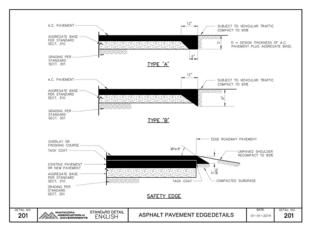




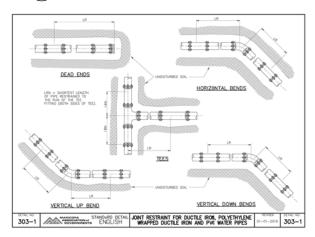


TRENCH BACKFILL AND SURFACE REPLACEMENT DETAIL NTS







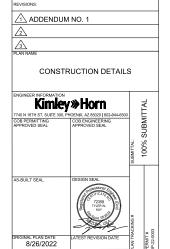


TRENCH BACKFILL AND SURFACE REPLACEMENT

DETAIL

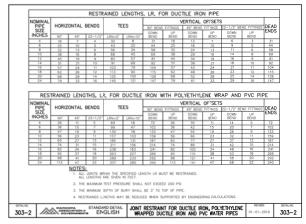
CD-02

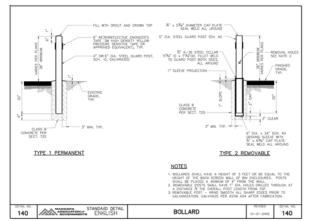
JOINT RESTRAINT FOR DI AND PVC WATER PIPES
DETAIL
CD-02 NTS



32 OF 44 CD-02

191342029

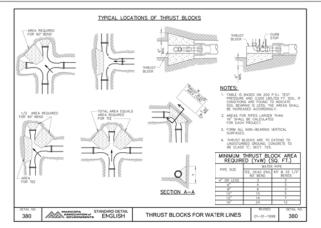




BOLLARD

**DETAIL** 

NTS

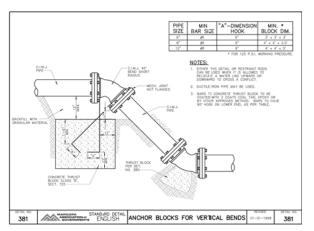


THRUST BLOCKS FOR WATER LINES DETAIL NTS

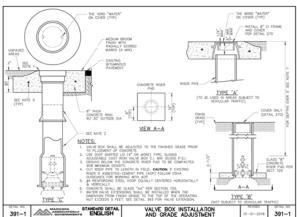
JOINT RESTRAINT FOR DI AND PVC WATER PIPES DETAIL











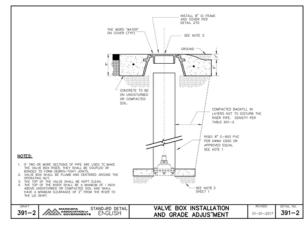
VALVE INSTALLATION BOX AND GRADE ADJUSTMENT DETAIL NTS

REVISIONS:				
1 ADDENDU	M NO. 1			
2				
<u>3</u>				
PLAN NAME CONS	FRUCTION DETAI	LS		
	N Horn  , PHOENIX, AZ 85020   602-844-55  COB ENGINEERING APPROVED SEAL	100	IMITTAI	2
APPROVED SEAL	APPROVED SEAL	SUBMITTAL:	100% SHRMITTAL	000
AS-BUILT SEAL	DESIGN SEAL			
	72358 TryLER W. FAY	CKING#		

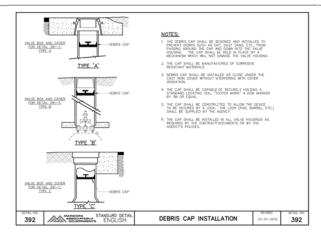
33 OF 44 CD-03

ORIGINAL PLAN DATE 8/26/2022

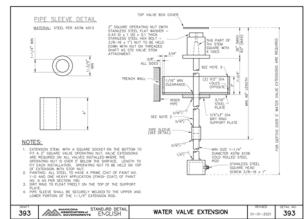
191342029

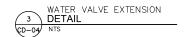




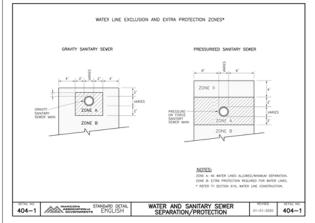






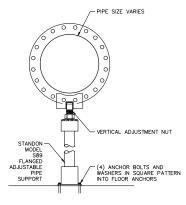


REVISIONS:



WATER AND SANITARY SEWER SEPARATION/PROTECTION DETAIL

NTS



ADJUSTABLE PIPE FLANGE SUPPORT SECTION

CD-04 NTS

