DOCUMENT 004000

BID FORM

				Date:_	3/3	0/20.	22		
PROPOSAL of	J.R.	Fox	Com	pan	The.				_,
(hereinafter calle Arkanses				100			the	State	of
Doing business a	ıs *								
*Insert "a Corpora	ation", "a Pa	rtnership'	', or "an	Individua	al", as app	licable	•		

To the CITY OF BRYANT, ARKANSAS, (hereinafter called "Owner"):

Bidder hereby proposes to perform all Work for the construction of KATRINA DRIVE AND REYNOLDS ROAD WATER LINE EXTENSION, in strict accordance with the Contract Documents, within the time set forth therein, and at the prices stated below.

By submission of this Bid, each Bidder certifies, and in the case of a joint Bid, each party thereto certifies as to its own organization, that this Bid has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this Bid with any other Bidder or with any competitor.

Bidder, having examined the Drawings and Specifications with related documents and the site of the proposed work and being familiar with the conditions surrounding the construction of the proposed project, the legal requirements (Federal, State, and Local Laws, Ordinances, Rules and Regulations), and availability of materials and labor, hereby proposes to furnish all materials, labor equipment, and supplies to construct the Project in full accordance with the Contract Documents for the Prices stated herein below. The prices are to cover all expenses incurred in performing the Work of the several kinds called for in the Contract Documents, of which this Proposal is a part.

Bidder hereby agrees to perform all the Work described in the Specifications, called for in the Contract Documents, and shown on the Drawings for the following Prices:

1.	8" C900 (DR 25, 165 PSI)	
	PVC Water Line	
	185 l.f.	

12.	Storm Water Pollution Prevention and Siltation Control Lump Sum	Lump Sum	\$ 1296.00
13.	Trench and Excavation Safety Lump Sum	Lump Sum	\$ <u>1787.</u>
	TOTAL BID	\$	118,761.00
rofit, ⁄ariou	above-stated Total Bid shall incluinsurance, taxes, and incidentals skinds called for to complete the fications and Contract Documents	s to cover the Project in a m	cost of the finished work of the anner in full accordance with the
Respe	ectfully Submitted,		
	Bidder: J.R. Fox G	mpany,	Inc.
	Signature:		-
	Printed Name: Joseph R. Food	4	
	Title: President		
	Address:		
	P.O. Box Little Row	738Z k, AR 7	2217

Telephone Number:	
501-9445240	
Fax Number:	
Arkansas Contractor's License Number: 0144410322	
Seal (If Bidder is a Corporation)	

Redstone Construction Group, Inc. 505 West Dixon Road Little Rock, Arkansas 72206 501-374-1557 WATS 1-800-264-1557 FAX 501-374-8314 www.redstone-cg.com



То:	City Of Bryant	Contact:	Ted Taylor
Address:	210 SW 3rd St.	Phone:	501-847-1664
	Bryant, AR 72022	Fax:	n/a
Project Name:	Bryant Waterline Extension	Bid Number:	
Project Location:	Katrina Drive And S Reynolds, Bryant, AR	Bid Date:	4/20/2022

We at Redstone Construction Group, Inc. are pleased to submit the following proposal.

Line #	Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
	1	8" C900 Waterline	185.00	LF	\$128.00	\$23,680.00
	2	8" C900 Restrained Joint Waterline	186.00	LF	\$135.00	\$25,110.00
	3	16" Bore And Steel Encasement	150.00	LF	\$375.00	\$56,250.00
	4	Fire Hydrant	1.00	EACH	\$7,450.00	\$7,450.00
	5	8" MJ Gate Valve	1.00	EACH	\$4,500.00	\$4,500.00
	6	8" Tapping Sleeve And Valve	2.00	EACH	\$5,250.00	\$10,500.00
	7	Cut And Cap Existing Waterline	2.00	EACH	\$8,750.00	\$17,500.00
	8	Asphalt / Concrete Repair	20.00	SY	\$390.00	\$7,800.00
	9	Acceptance Testing	1.00	LS	\$7,500.00	\$7,500.00
	10	Traffic Control	1.00	LS	\$6,300.00	\$6,300.00
	11	Seeding, Sodding, Cleanup	1.00	LS	\$7,000.00	\$7,000.00
	12	SWPPP	1.00	LS	\$4,900.00	\$4,900.00
	13	Trench Safety	1.00	LS	\$9,280.00	\$9,280.00
			То	tal Price fo	r above Items:	\$187,770.00

Total Bid Price: \$187,770.00

Notes

- If you have any questions call Kurt Cosse at (501)374-1557 or (501) 539-8075.
- Our Quote is based on Civil Drawings unless otherwise specified.
- Trench Rock is not included.
- All Redstone work is backed by the industry standard one year warranty

Payment Terms:

We propose to furnish all material and labor to complete the job in a professional manner. Payment is to be made upon completion unless other arrangements are specified in writing.

Periodic requests for payment will be made as the work progresses and invoiced at the above listed prices including any additional work approved by the owner or owner representative of this project. All payments will be due within 10 business days from receipt of request for payment from . Any outstanding balance due RedStone Construction Group will be charged interest at the highest rate allowed under Arkansas law. If you use a credit card to pay for services provided by Redstone Construction any credit card charges will be added to your bill and these costs will be subject to same terms listed above unless other arrangements have been made in writing by Redstone.

Any controversy arising from or relating to this Agreement in excess of \$5,000.00 shall be settled by arbitration to be held in Little Rock, Arkansas, in accordance with the Construction Industry Arbitration Rules of the American Arbitration Association. The decision of the arbitrator and any relief granted shall be binding on the parties to this Agreement.

4/20/2022 4:27:07 PM Page 1 of 2

ACCEPTED:	CONFIRMED:		
The above prices, specifications and conditions are satisfactory and are hereby accepted.	REDSTONE CONSTRUCTION GROUP, INC.		
Buyer:			
Signature:	Authorized Signature:		
Date of Acceptance:	Estimator: Kurt Cosse		
	501-539-8075 kurt.cosse@redstone-cg.com		

4/20/2022 4:27:07 PM Page 2 of 2

Confidential Page 1

Project: Katrina Drive Water Main Extension

Owner: Bryant Water Utilities

Bid Date: Sat, Jan 0, 00

Bid Time: Engineer:

	BID TO	36,880.00							
Item	Description	Quantity	Unit	Bid	Extended				
1	8" C900	365	LF	\$62.00	\$22,630.00				
2	16" Steel Encasement Bore	150	LF	\$375.00	\$56,250.00				
3	8" MJ Spool Piece	1	EA	\$2,000.00	\$2,000.00				
4	8" Tapping Sleeve and Valve	2	EA	\$5,000.00	\$10,000.00				
5	8" Fittings	10	EA	\$1,600.00	\$16,000.00				
6	8" Anchor Collar	<u> </u>	EA	\$4,000.00	\$4,000.00				
7	8" Gate Valve	1	EA	\$2,000.00	\$2,000.00				
8	Fire Hydrant Assembly	1	EA	\$6,000.00	\$6,000.00				
9	Cut and Cap	1	EA	\$5,000.00	\$5,000.00				
10	Solid Sod	150	SY	\$20.00	\$3,000.00				
11	Mobilization	1	LS	\$10,000.00	\$10,000.00				
1 Not Responsible for Unmarked Utilities, Private or Public. 2 Permits or Bond Cost Not Included. 3 No Trench Rock 4 Erosion control or construction fencing is not included 5 Any relocating of utilities is not included unless specifiec Acceptance									
Date		Date							
Signed:	Signed: //ORIGINAL SIGNED// Signed:								
Roger Ba President Barker Ex		Client							

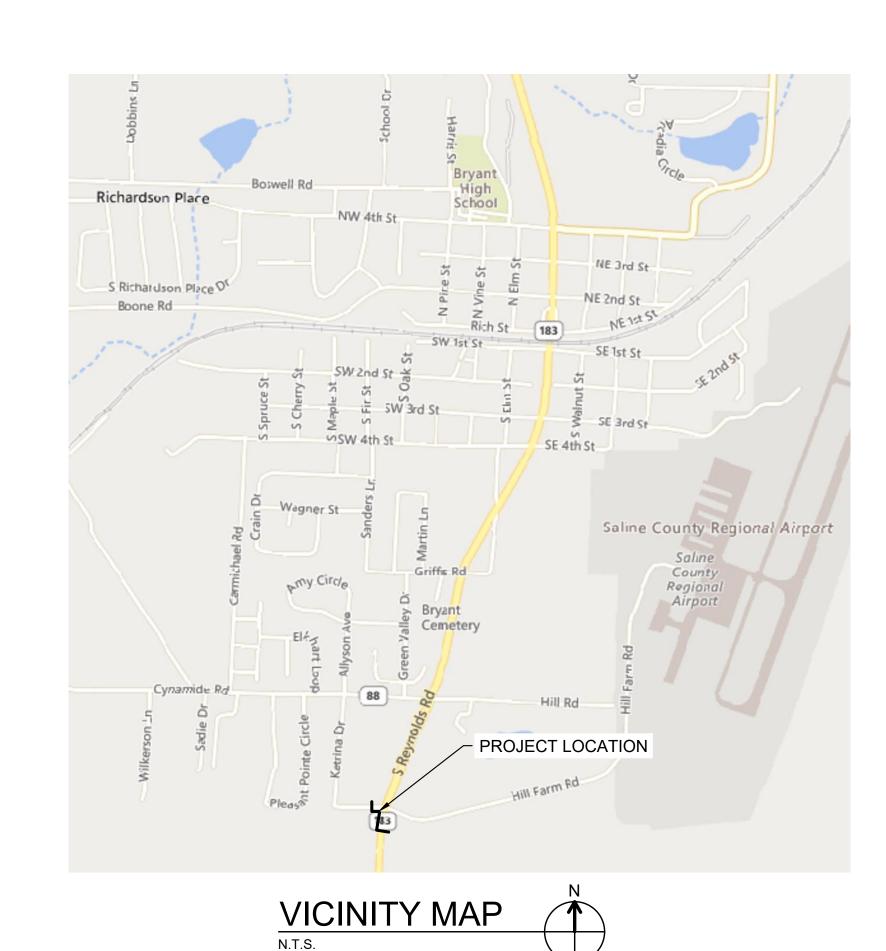
KATRINA DRIVE & REYNOLDS ROAD WATER LINE EXTENSION

FAYETTEVILLE SAME IN SOUTH RIDGE ANALY SOUTH STORES SO

CITY	OF E	BRYAN	IT, A	RKAN	ISAS



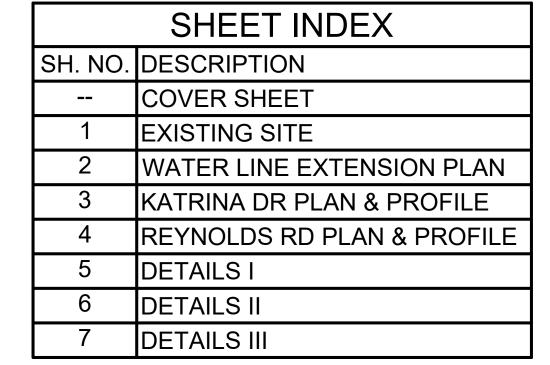
MARCH 2022

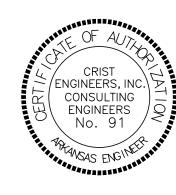


CRIST PROJECT NO. 2154

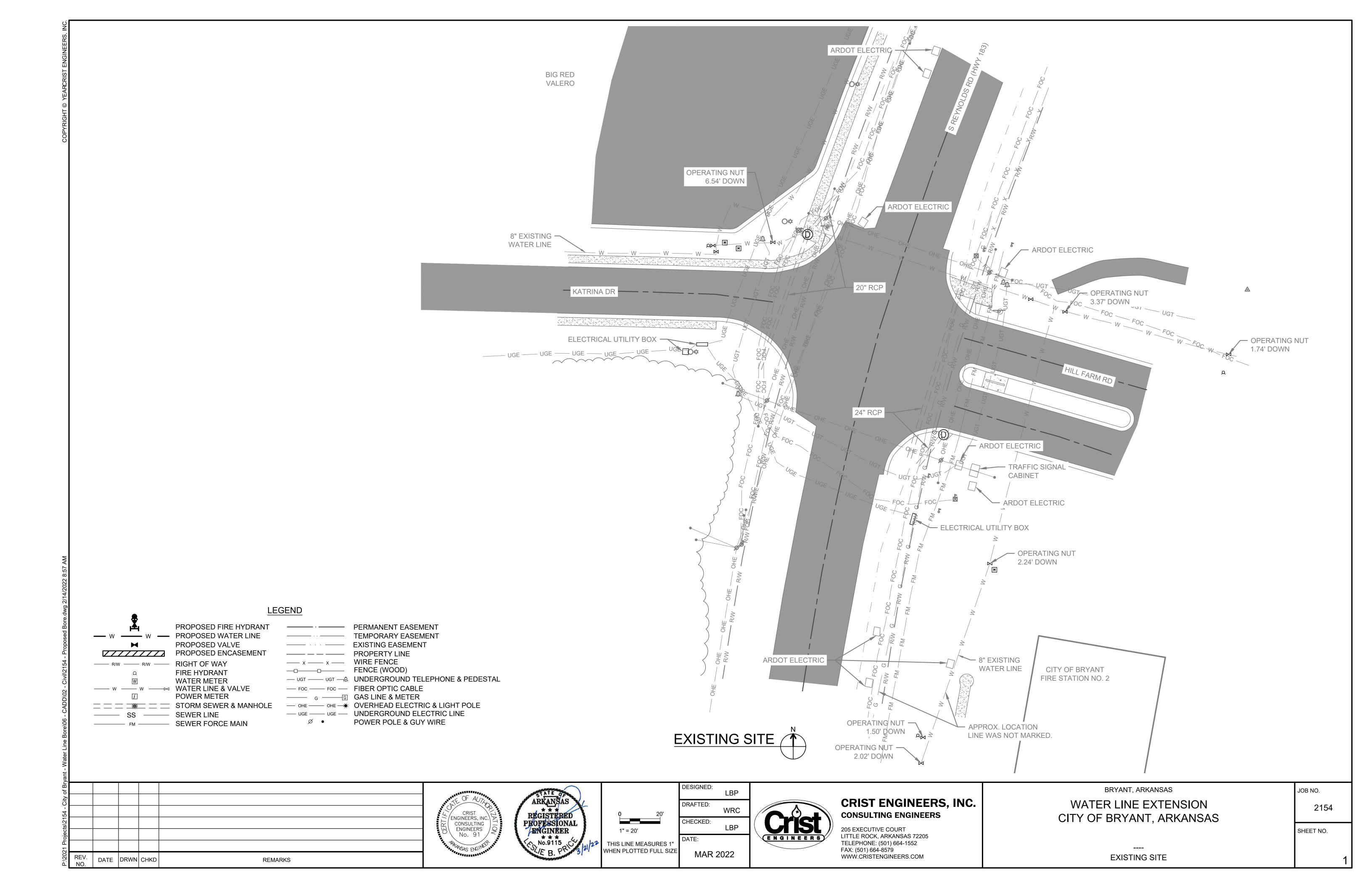


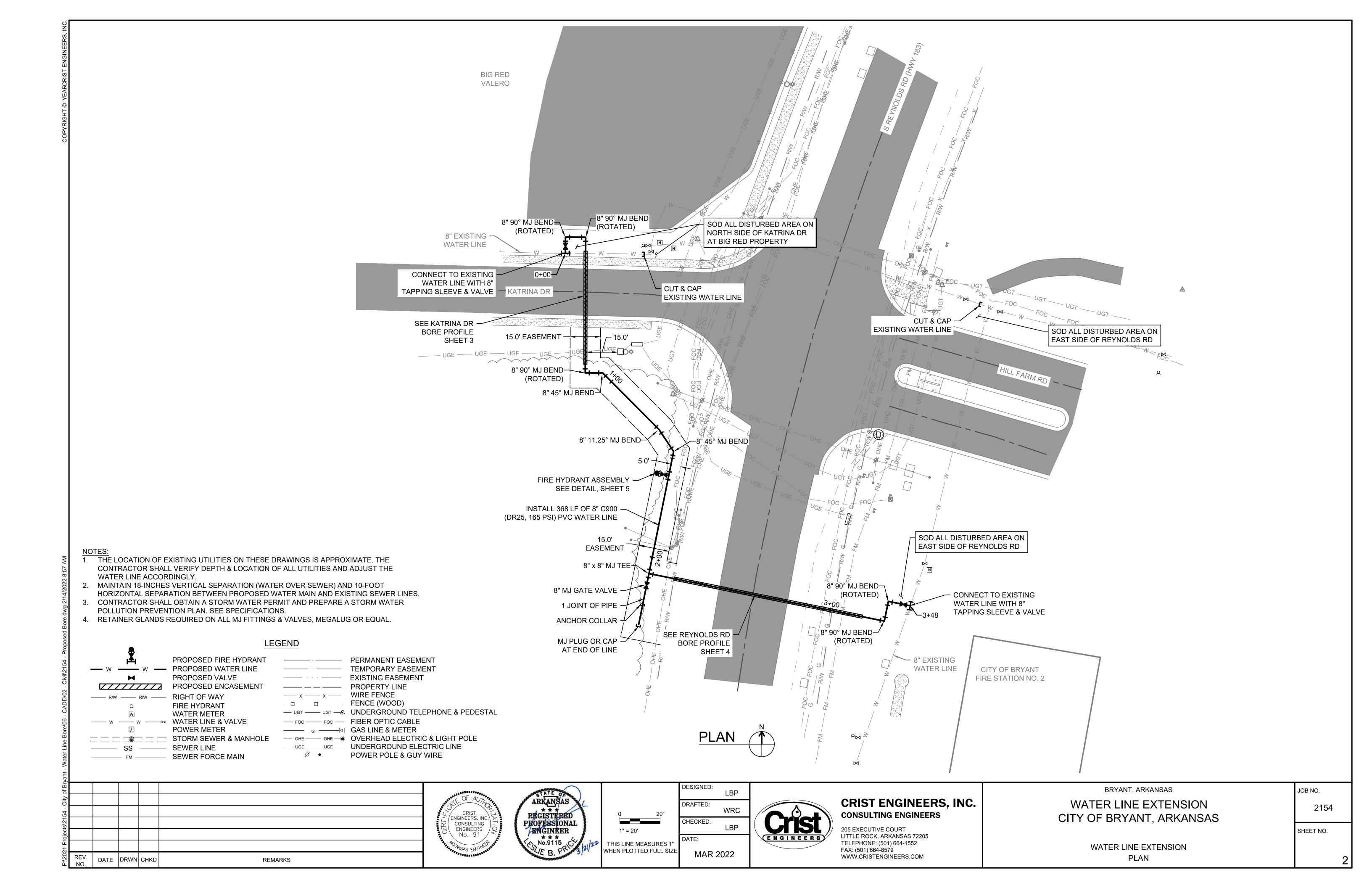
CRIST ENGINEERS, INC.
CONSULTING ENGINEERS
LITTLE ROCK, ARKANSAS

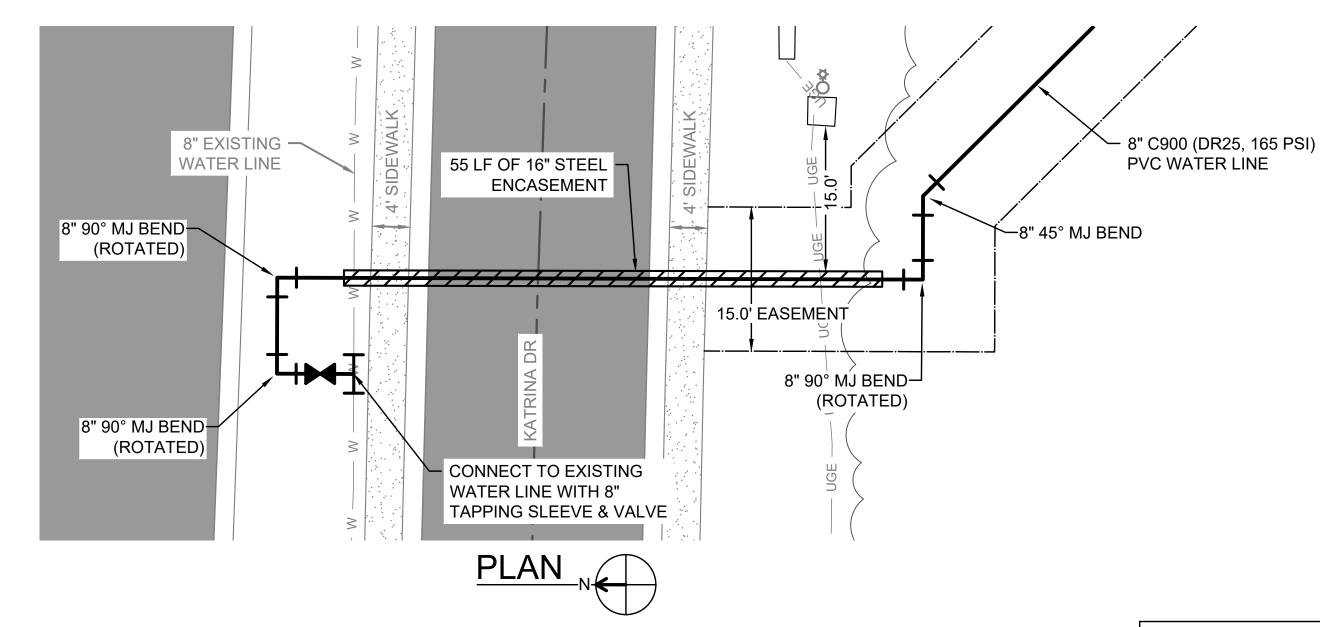




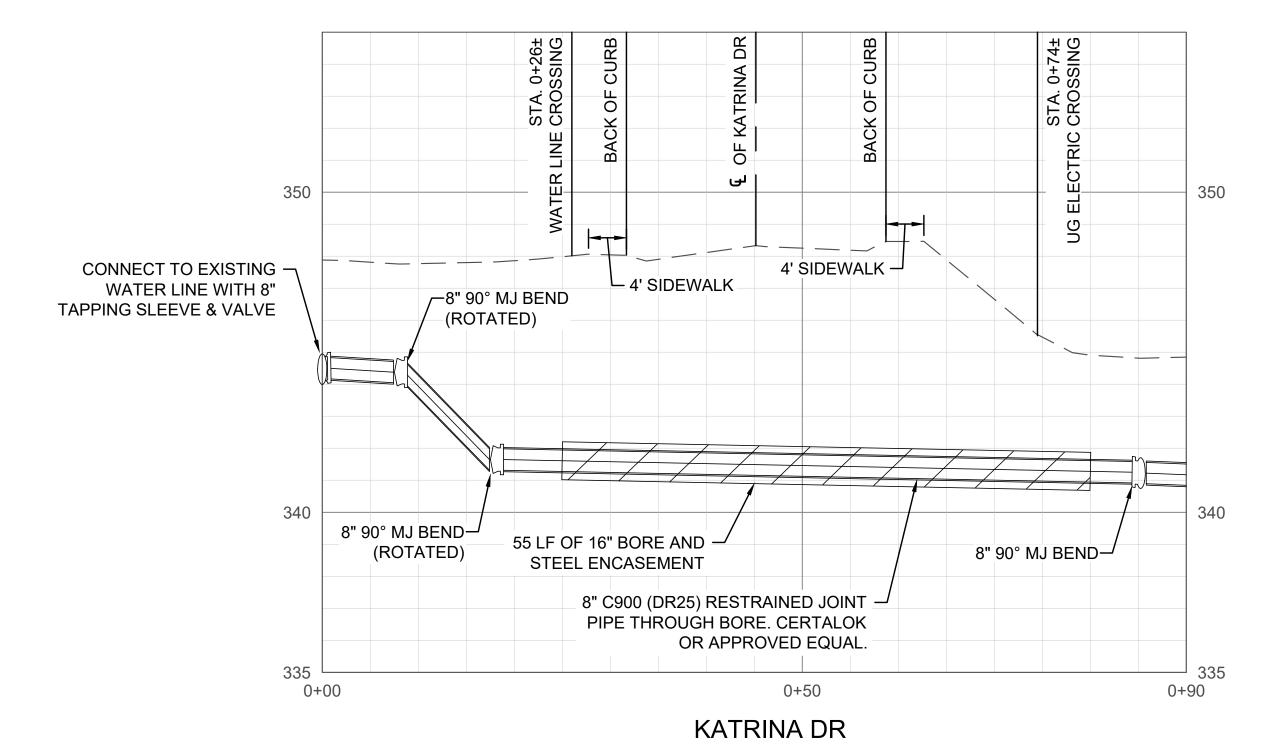








CONTRACTOR SHALL VERIFY DEPTH & LOCATION OF ALL UTILITIES AND ADJUST DEPTH OF ENCASEMENT IF NECESSARY



LEGEND

1. THE LOCATION OF EXISTING UTILITIES ON THESE DRAWINGS IS APPROXIMATE. THE

2. MAINTAIN 18-INCHES VERTICAL SEPARATION (WATER OVER SEWER) AND 10-FOOT

4. RETAINER GLANDS REQUIRED ON ALL MJ FITTINGS & VALVES, MEGALUG OR EQUAL.

POLLUTION PREVENTION PLAN. SEE SPECIFICATIONS.

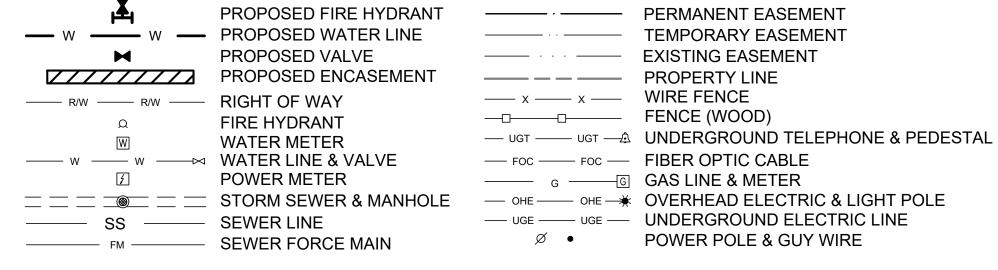
WATER LINE ACCORDINGLY.

REV. DATE DRWN CHKD

CONTRACTOR SHALL VERIFY DEPTH & LOCATION OF ALL UTILITIES AND ADJUST THE

3. CONTRACTOR SHALL OBTAIN A STORM WATER PERMIT AND PREPARE A STORM WATER

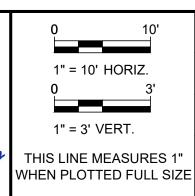
HORIZONTAL SEPARATION BETWEEN PROPOSED WATER MAIN AND EXISTING SEWER LINES.

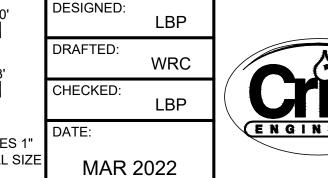


REMARKS

CRIST ENGINEERS, INC. CONSULTING ENGINEERS No. 91









PROFILE

CRIST ENGINEERS, INC. CONSULTING ENGINEERS

205 EXECUTIVE COURT LITTLE ROCK, ARKANSAS 72205 TELEPHONE: (501) 664-1552 FAX: (501) 664-8579 WWW.CRISTENGINEERS.COM

BRYANT, ARKANSAS

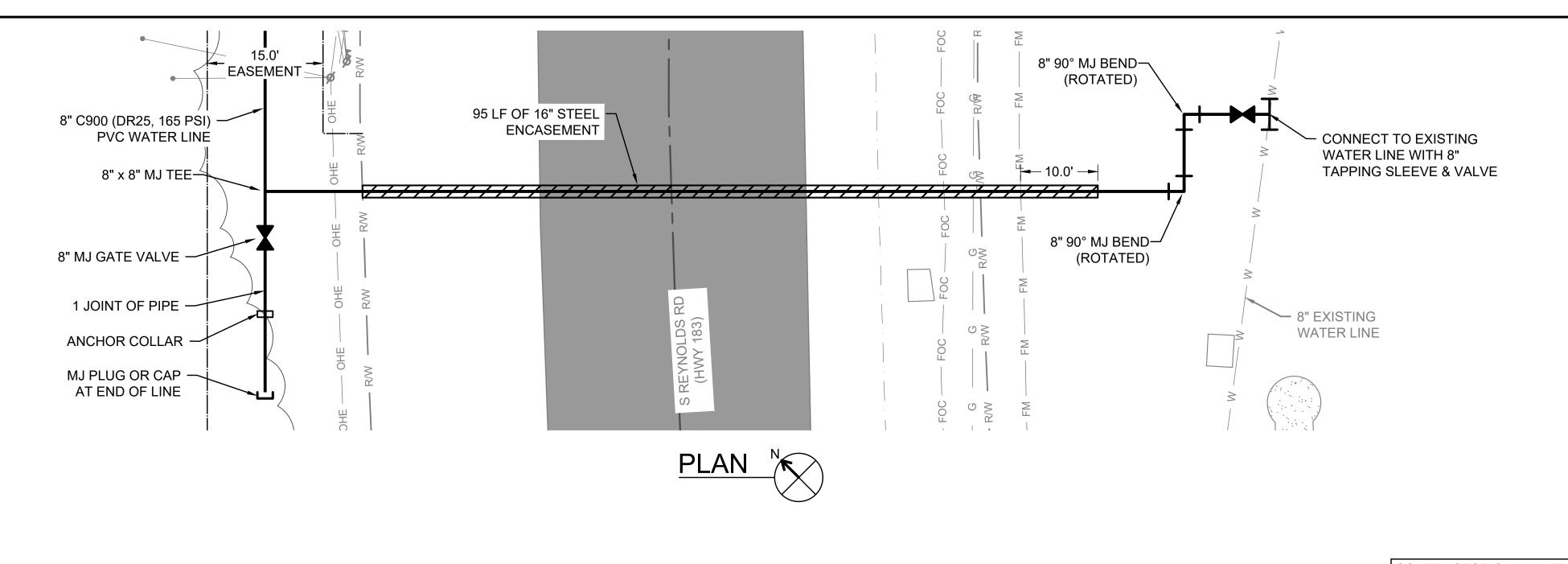
WATER LINE EXTENSION CITY OF BRYANT, ARKANSAS

> KATRINA DR PLAN & PROFILE

SHEET NO.

2154

JOB NO.

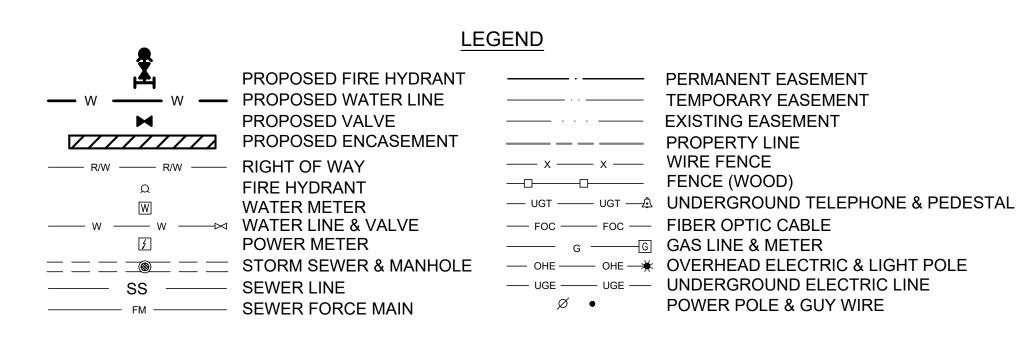


CONTRACTOR SHALL VERIFY DEPTH & LOCATION OF ALL UTILITIES AND ADJUST DEPTH OF ENCASEMENT IF NECESSARY 350 350 - CONNECT TO EXISTING WATER LINE WITH 8" -8" 90° MJ BEND-**TAPPING SLEEVE & VALVE** (ROTATED) ₩8" x 8" MJ TEE **└**8" 90° MJ BEND (ROTATED) 95 LF OF 16" BORE AND 8" C900 (DR25) RESTRAINED JOINT (ROTATED) STEEL ENCASEMENT PIPE THROUGH BORE. CERTALOK OR APPROVED EQUAL. 335 3+00 2+00 2+50 3+50

REV. DATE DRWN CHKD

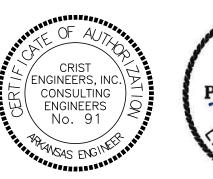
1. THE LOCATION OF EXISTING UTILITIES ON THESE DRAWINGS IS APPROXIMATE. THE CONTRACTOR SHALL VERIFY DEPTH & LOCATION OF ALL UTILITIES AND ADJUST THE WATER LINE ACCORDINGLY.

- 2. MAINTAIN 18-INCHES VERTICAL SEPARATION (WATER OVER SEWER) AND 10-FOOT HORIZONTAL SEPARATION BETWEEN PROPOSED WATER MAIN AND EXISTING SEWER LINES.
- 3. CONTRACTOR SHALL OBTAIN A STORM WATER PERMIT AND PREPARE A STORM WATER POLLUTION PREVENTION PLAN. SEE SPECIFICATIONS.
- 4. RETAINER GLANDS REQUIRED ON ALL MJ FITTINGS & VALVES, MEGALUG OR EQUAL.

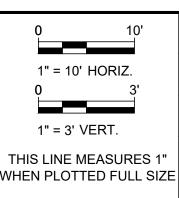


REMARKS

REYNOLDS RD PROFILE





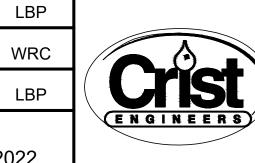


DESIGNED:

DRAFTED:

CHECKED:

MAR 2022



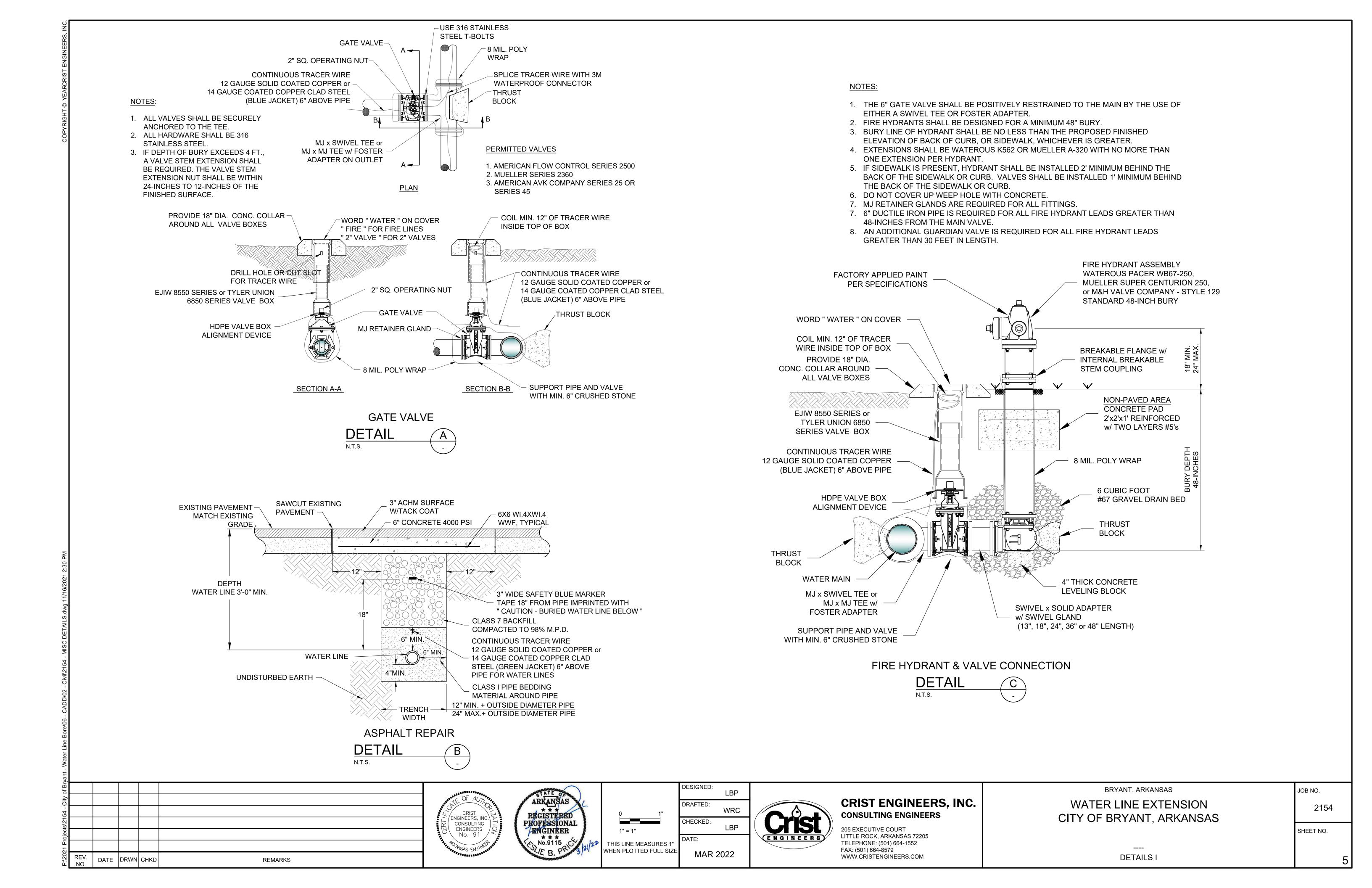
CRIST ENGINEERS, INC. CONSULTING ENGINEERS

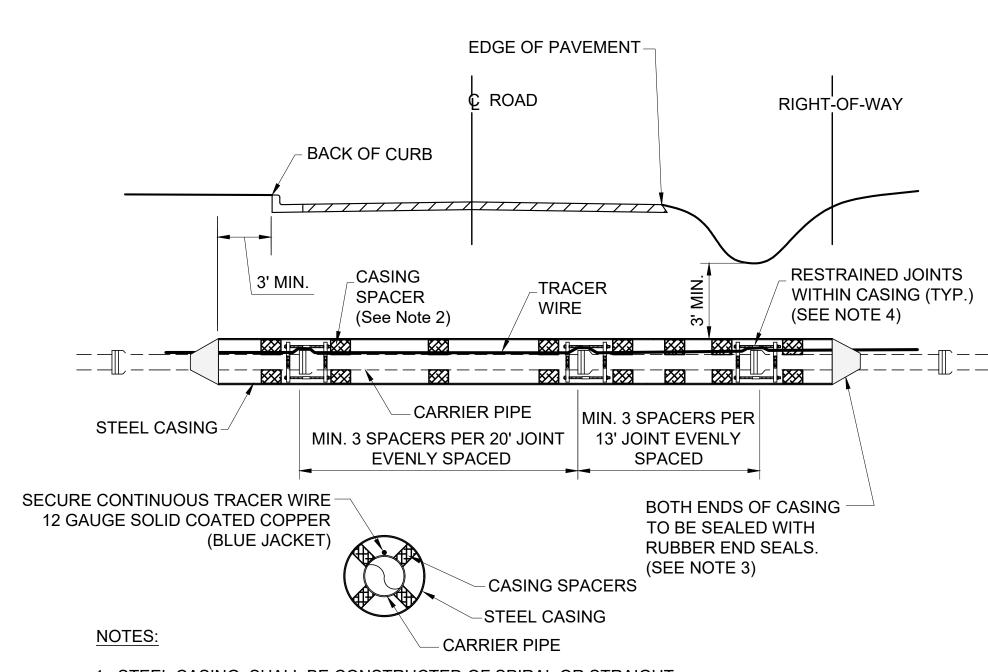
205 EXECUTIVE COURT LITTLE ROCK, ARKANSAS 72205 TELEPHONE: (501) 664-1552 FAX: (501) 664-8579 WWW.CRISTENGINEERS.COM

BRYANT, ARKANSAS
WATER LINE EXTENSION
CITY OF BRYANT, ARKANSAS

REYNOLDS RD PLAN & PROFILE JOB NO. 2154

SHEET NO.

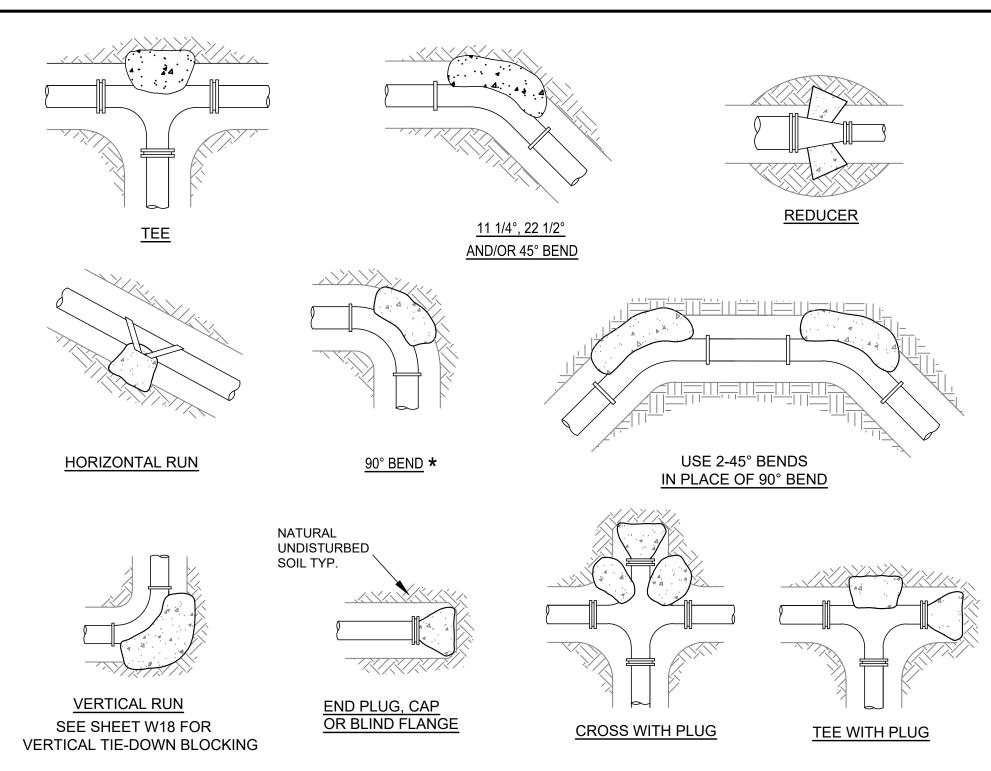




- 1. STEEL CASING SHALL BE CONSTRUCTED OF SPIRAL OR STRAIGHT WELDED STEEL WITH A MINIMUM DIAMETER AND THICKNESS AS SHOWN BELOW (SEE TABLE).
- 2. PROVIDE CASING SPACERS BY CASCADE MODEL CCS AS MANUFACTURED BY CASCADE WATERWORKS MFG. CO., OR APPROVED EQUAL
- 3. PROVIDE END SEALS BY CASCADE MODEL CCES AS MANUFACTURED BY CASCADE WATERWORKS MFG. CO., OR APPROVED EQUAL.
- 4. WHERE ENCASEMENTS ARE GREATER THAN 25 FEET IN LENGTH, SELF-RESTRAINING GASKETS OR BELL RESTRAINTS SHALL BE USED FOR ALL JOINTS INSIDE THE ENCASEMENT PIPE AND FOR THE FIRST JOINT IN EACH DIRECTION OUTSIDE THE ENCASEMENT PIPE.
- 5. BELL RESTRAINTS FOR PVC SHALL BE SERIES1900 RESTRAINT HARNESS AND BELL RESTRAINTS FOR DIP SHALL BE SERIES 1700 RESTRAINT HARNESS BY EBAA IRON INC., OR APPROVED EQUAL.
- 6. DIRECT BURY STEEL ENCASEMENT SHALL BE POLY WRAPPED.
- 7. JACK AND BORE STEEL ENCASEMENT SHALL HAVE 17# HP MAGNESIUM ANODES CAD WELDED TO THE END OF THE ENCASEMENT PIPE.

CARRIER AND CASING SIZES									
CARRIER (ID)		2"	3"	4"	6"	8	10"	12"	
CASING (ID)		5"	6"	8"	12"	16"	20"	24"	
CASING WALL THICKNESS		0.250	0.250	0.250	0.250	0.250	0.250	0.375	
CARRIER (ID)		14" - 16"	18" - 20"	24"	30"	36"	42"	48"	
CASING (ID)		30"	36"	42"	48"	54"	60"	72"	
CASING WALL THICKNESS		0.375	0.500	0.625	0.625	0.625	0.625	0.750	

STEEL ENCASEMENT DETAIL



THRUST BLOCK SCHEDULE (2000 PSF SOIL, 200 PSI WATER PRESSURE, 100 PSI WATER HAMMER)												
BEARING AREA OF THRUST BLOCKS IN SQ. FT. VOLUM (HORIZONTAL BENDS)								OLUME OF THRUST BLOCK IN CU. FEET (VERTICAL BENDS)				
FITTING SIZE	PLUG TEE OR CAP	90° *	END ANGLE	22 1/2°	11 1/4°	FITTING SIZE	90° *	BEND 45°	ANGLE 22 1/2°	11 1/4°	ROD DIAM.	EMBED- MENT
2, 3, & 4	1.9	2.7	1.4	0.7	0.4	2, 3, & 4	35.5	19.2	9.8	4.9	.50"	30"
6	5.6	7.9	4.3	2.2	1.1	6	105.8	57.2	29.2	14.7	.75"	30"
8	9.6	13.6	7.4	3.8	1.9	8	181.9	98.5	50.2	25.2	.75"	30"
12	20.5	29.0	15.7	8.0	4.0	12	387.1	209.5	106.8	53.7	1.0"	30"
16	35.7	50.4	27.3	13.9	7.0	16	672.6	364.0	185.6	93.2	1.0"	36"
18	44.8	63.4	34.3	17.5	18.8	18	844.7	457.2	233.1	117.1	1.0"	36"
24	78.4	110.9	60.0	30.6	15.4	24	1478.7	800.3	408.0	205.0	1.5"	36"

90 DEGREE BENDS SHAL₺ ONLY BE USED ON A BY-EXCEPTION BASIS, AND MUST EACH BE SPECIFICALLY APPROVED BY CITY.

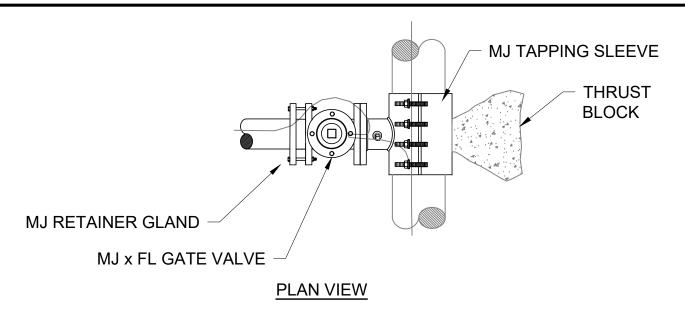
THRUST BLOCK NOTES

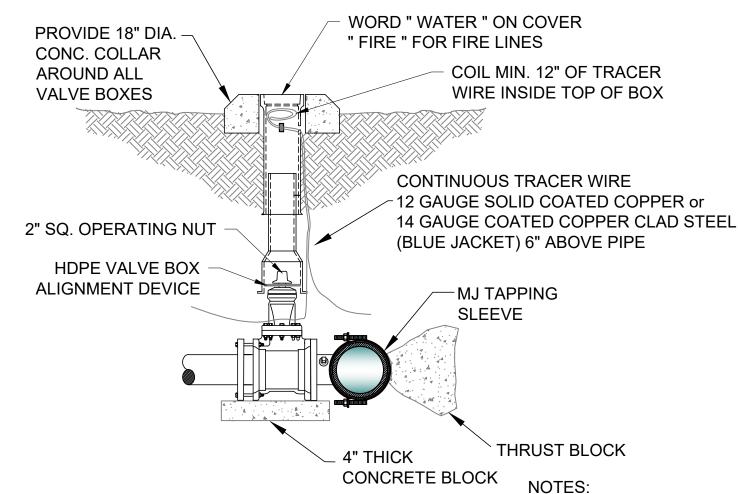
- CONCRETE FOR THRUST BLOCKS CLASS A CONCRETE SHALL DEVELOP NOT LESS THAN 3000 P.S.I. COMPRESSIVE STRENGTH AT 28 DAYS AND BE PLACED AGAINST UNDISTURBED SOIL
- 2. ALL BENDS, BOTH HORIZONTAL AND VERTICAL, SHALL BE BACKED WITH CONCRETE. VERTICAL BENDS SHALL BE PLACED ON CONCRETE PADS WHERE BENDS TURN UP, OR LOADED WHERE BENDS TURN DOWN.
- WRAP PIPE JOINTS IN 8 MIL "POLYETHLENE" BEFORE PLACING CONCRETE.
- 4. BEARING AREA SHOWN IN TABLE, IS BASED UPON A 2000 LB/SF. SOIL BEARING, AND UPON A PIPELINE PRESSURE OF 200 psi. PLUS 100 psi. WATER HAMMER. AREAS SHOWN SHALL BE ADJUSTED, SHOULD FIELD CONDITIONS VARY.
- 5. MJ RESTRAINTS ARE REQUIRED FOR ALL FITTINGS.
- USE LONG-RADIUS FITTINGS WHEREVER POSSIBLE.
- ALL BOLTS FOR FITTINGS SHALL BE 316 STAINLESS STEEL
- ALL DUCTILE IRON FITTINGS SHALL BE FUSION-BONDED EPOXY COATED INSIDE AND OUTSIDE IN ACCORDANCE WITH ANSI/AWWA C116/A21.16.
- UNIT WEIGHT OF CONCRETE FOR VERTICAL THRUST BLOCKS IS 150 LBS/CU. FT.

THRUST BLOCKING

DETAIL







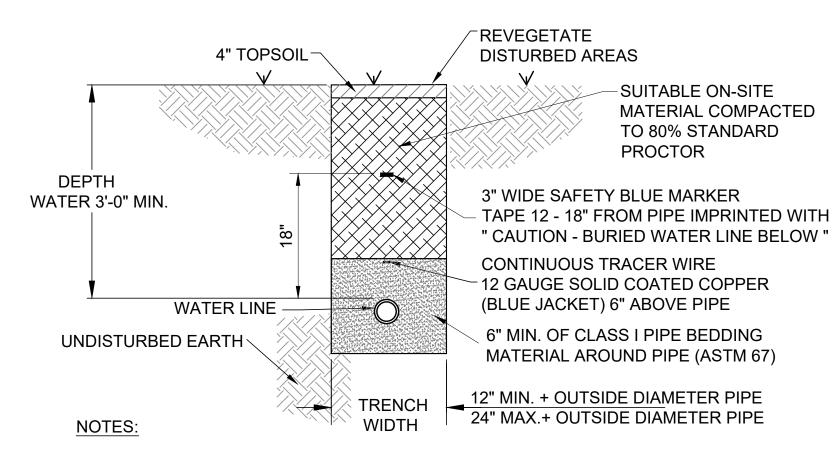
TAPPING SLEEVE & VALVE

PROFILE VIEW

DETAIL

N.T.S.

- 1. TAPPING SLEEVE SHALL BE SMITH-BLAIR 662 OR FORD FAST.
- 2. AFTER THE TAP IS MADE, RE-TORQUE **BOLTS ON SLEEVE TO SEAL TO FINAL** SHAPE OF PIPE.
- TAPPING SLEEVE AND VALVE SHALL BE WRAPPED WITH 8 MIL POLY WRAP.



1. ALL VALVES, BENDS, ETC. SHALL BE RESTRAINED

- 2. THE CONTRACTOR SHALL PROVIDE ALL ITEMS NECESSARY TO CONNECT WITH ANY PART OF THE EXISTING WATER SYSTEM THAT WILL REMAIN IN ORDER TO ESTABLISH A SATISFACTORY AND ACCEPTABLE WATER SYSTEM.
- 3. CONTRACTOR TO CONSTRUCT ALL TRENCH EXCAVATION IN ACCORDANCE WITH ALL OSHA REGULATIONS (29 CFR CH.XVII, SUBPART B)
- 4. TRENCH SHALL BE EXCAVATED BELOW GRADE REQUIRED TO PROVIDE A MINIMUM 36" OF PIPE COVER.
- 5. MAXIMUM PIPE COVER SHALL BE 60" UNDER NORMAL CONDITIONS. COVER GREATER THAN 60" MAY BE ALLOWED FOR SHORT DISTANCES WHERE REQUIRED BY FIELD CONDITIONS. NO HYDRANT SHALL BE ALLOWED WHERE LINES ARE GREATER THAN 60" DEEP.

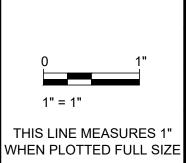


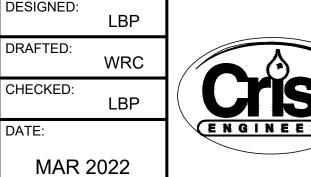


REV. DATE DRWN CHKD REMARKS









CRIST ENGINEERS, INC. CONSULTING ENGINEERS

205 EXECUTIVE COURT LITTLE ROCK, ARKANSAS 72205 TELEPHONE: (501) 664-1552 FAX: (501) 664-8579 WWW.CRISTENGINEERS.COM

WATER LINE EXTENSION CITY OF BRYANT, ARKANSAS

BRYANT, ARKANSAS

2154

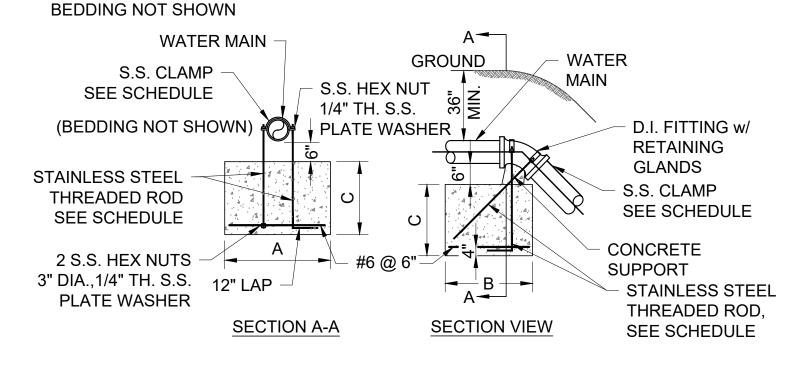
SHEET NO.

JOB NO.

DETAILS II

BLOCKING SCHEDULE

ALL FITTINGS SHALL BE MECHANICAL JOINTS WITH RETAINING GLANDS.



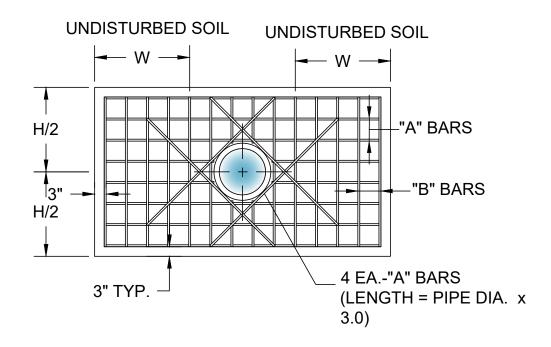
VERTICAL TIE DOWN BLOCKING

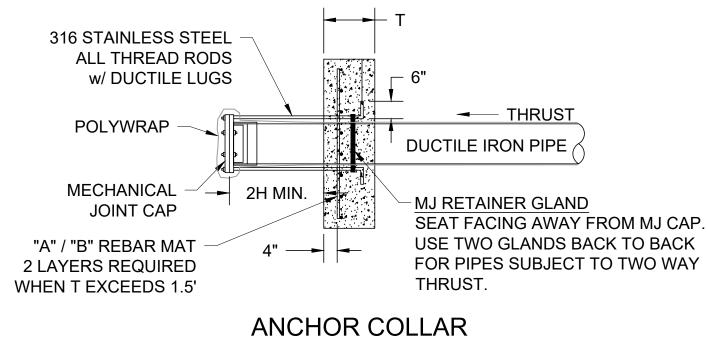


ANCHOR COLLAR SCHEDULE					
PIPE	* MINIMUM DIMENSIONS *			REINFORCING BARS	
SIZE	W	Н	Т	"A" BARS	"B" BARS
6"	1.5'	2.0'	1.0'	#6 @ 6"	#6 @ 6"
8"	2.0'	2.5'	1.0'	#6 @ 6"	#6 @ 6"
12"	2.5'	4.0'	1.5'	#6 @ 6"	#6 @ 6"
16"	3.5'	5.0'	1.5'	#6 @ 6"	#6 @ 6"
20"	5.0'	5.5'	2.0'	#6 @ 6"	#6 @ 6"
24"	6.5'	6.0'	2.0'	#7 @ 6"	#7 @ 10"

NOTES:

- 1. DESIGN PRESSURE IS 200 PSI PLUS 100 PSI
- SURGE AND 2,000 PSI SOIL BEARING. 2. ALL DIMENSIONS ARE MINIMUM REQUIREMENTS. ACTUAL FIELD CONDITIONS MAY REQUIRE LARGER DIMENSIONS.
- 3. ALL RETAINER GLANDS SHALL BE MEGA-LUG BY EBAA IRON.

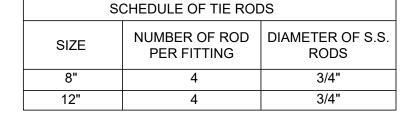


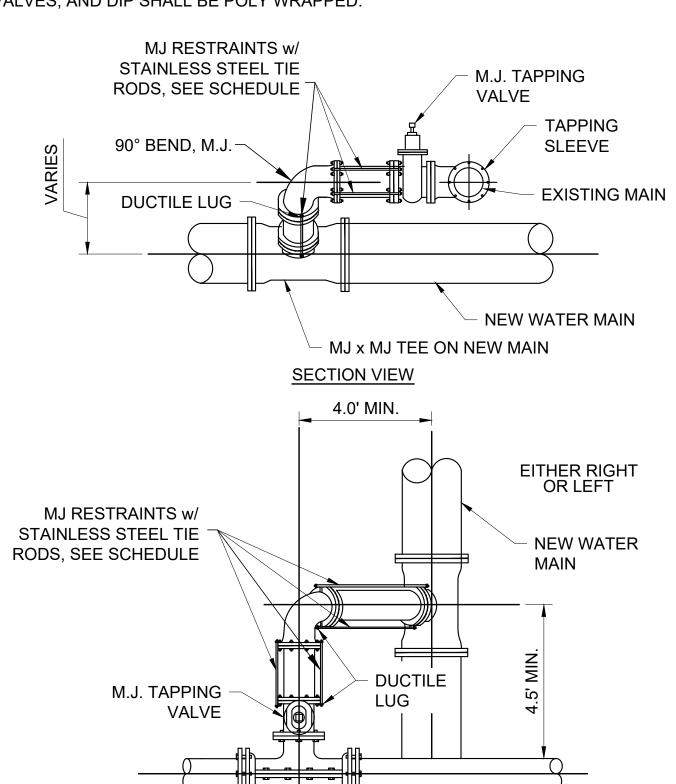


DETAIL

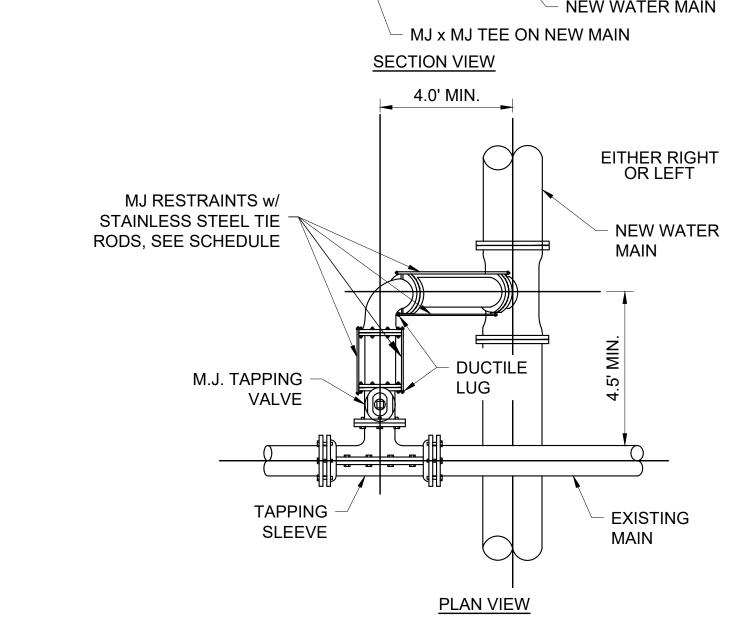
NOTES:

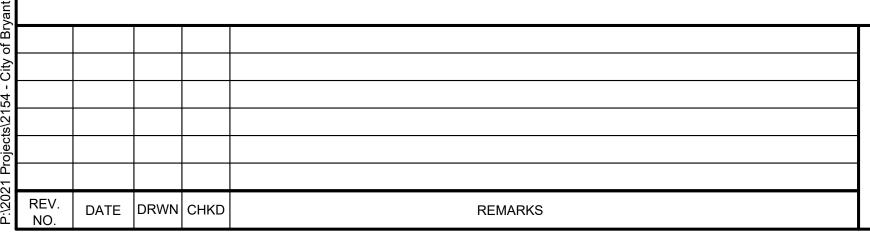
- 1. SWING CONNECTIONS USING 90° BENDS SHALL BE PERMITTED BY THE CITY ON A CASE BY CASE BASIS.
- CONTRACTOR SHALL LOCATE EXISTING MAIN IN ADVANCE OF LAYING NEW LINE IN ORDER TO ASSURE ADEQUATE LENGTH TO ADJUST DEPTH OF NEW MAIN.
- 3. DIMENSIONS SHOWN ARE RECOMMENDED MINIMUMS TO PROVIDE ADEQUATE ROOM FOR TIGHTENING BOLTS ON JOINTS (OTHER DIMENSIONS MAY BE USED).
- 4. PROVIDE ALL THREAD STAINLESS STEEL TIE RODS WITH DUCTILE LUGS FOR ANCHORING ALL JOINTS.
- ROTATE TEE UP & ELBOW DOWN AS REQUIRED TO MATCH.
- 6. TRACER WIRE SHALL BE INSTALLED ON ALL NEW WATER LINES.
- 7. ALL FITTINGS, VALVES, AND DIP SHALL BE POLY WRAPPED.

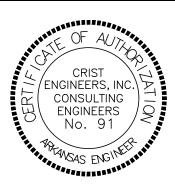




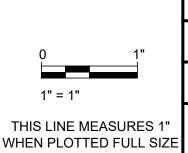


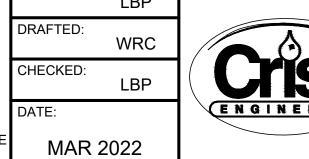














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BRYANT, ARKANSAS WATER LINE EXTENSION CITY OF BRYANT, ARKANSAS

2154

SHEET NO.

JOB NO.

DETAILS III