

**SUPPLEMENTAL INFORMATION
ADDENDUM NO. 1**

PROJECT: ITB No. 18-006
Blue Jay Road Water Main Extension

CONTACT: Fiona Charleton, Purchasing Agent
912-754-2159 fcharleton@effinghamcounty.org

DATE ISSUED: April 16, 2018

ITB No. 18-006 dated March, 2018 is hereby amended as noted herein : BIDDER TO ACKNOWLEDGE RECEIPT OF ADDENDUM BY SIGNING ON THE SIGNATURE LINE BELOW AND INCLUDING A COPY WITH SUBMITTED BID. FAILURE TO DO SO MAY, AT THE OWNER’S DISCRETION, SUBJECT THE BIDDER TO DISQUALIFICATION

- 1) QUESTION: Item 4a Please explain what is wanted for this item? Do you mean directional bore?
ANSWER: The length of the remaining water main is shown as varying as the directional bore will be longer than the corresponding jack and bore. The changes made to this line item are due solely to changes stemming from item #3 in this addendum.

- 2) QUESTION: The location of the Overhead Power appears to be incorrectly shown on plan sheets 3, 4 & 5. Could you please confirm the actual location of the OHP?
ANSWER: The overhead power location has been shown correctly on sheets 3 and 4, included in this addendum.

- 3) QUESTION: Bid Items 10 & 11 coordinate with natural gas company and underground telephone conflicts. Measurement and payment states that this item shall cover the cost of relocating the existing telephone and gas utilities as required. As we have no way to determine the extent of the conflicts or the cost of relocations, would you consider changing this to a county determined allowance for use and to cover the cost of any required relocations. Final payment would be for actual cost of relocations plus overhead and profit.
ANSWER: Potential gas conflicts consist of two perpendicular crossings for the proposed water main with existing gas service laterals. In lieu of relocating the gas main, the contractor shall route the water main underneath the gas service laterals using a vertical offset consisting of (four) 45 degree restrained joint bends with (three) joints of restrained pipe upstream of the vertical offset and (three) joints of restrained pipe downstream of the vertical offset. A pay item has been added and the revised bid form is included in this addendum. Measurement will be for each vertical offset. Payment will include labor and materials including the four restrained bends. The restrained joint pipe will be paid for in item 5 (under section III) restrained joint pipe. Pay item #10, “coordinate with natural gas company”, will include scheduling with the City of Claxton to be on site when their lines are being crossed. Contractor shall provide at least 1’ of separation between the gas service lateral and water main. Regarding telephone conflicts, if the conflict is a perpendicular crossing, the contractor shall provide one foot of separation using vertical offsets if required. If the telephone line is parallel for a potential conflict, then the telephone company must move the line. The contractor will not be responsible for moving the line or paying to move the line. However, the contractor is responsible for coordinating with the telephone company for them to move the line. A detail for perpendicular crossings has been included on Sheet 3.

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ITB No. 18-006 – Blue Jay Road Water Main Extension

- 4) QUESTION: Continuing with bid items 10 & 11. Has the county contacted the respective utility owners regarding relocations or received an estimated cost of the same?
ANSWER: The County's representative engineering firm, Parker Engineering, has contacted the respective utility owners and provided them with construction drawings. Neither owner has provided a cost estimate for potential relocations; however as per item #3, this becomes a moot point to the contractor.
- 5) QUESTION: The plans show a detail for the replacement of asphalt driveways but there is not a detail for the replacement of concrete drives. Could you please provide a concrete driveway detail?
ANSWER: A driveway detail has been provided on sheet 14, included in this addendum.

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ARTICLE 5 - BASIS OF BID (REVISED)

SECTION I – GENERAL

Item	Description	Est. Qty.	Unit	Unit Price	Total Price
1	Mobilization	1	LS		
2	Traffic Control	1	LS		
3	Bonding, Misc.	1	LS		
4	NPDES Monitoring	1	LS		
5	Grading Complete	1	LS		
6	Cut & Patch 6” Concrete Drive, Remove & Replace misc. items	60	SY		
7	Cut & Patch Asphalt Drives	85	SY		
8	4” GAB	285	SY		
9	Testing	1	LS		
10	Coordination with Natural Gas Company (Claxton Gas)	1	LS		
11	Underground Telephone Line Conflicts	1	LS		
12	Water Main potential conflict vertical drop (incl fittings and restrained joints)	3	EA		
SUBTOTAL					

SECTION II - EROSION AND SEDIMENTATION CONTROL

Item	Description	Est. Qty.	Unit	Unit Price	Total Price
1	Silt Fence - Sensitive	35	LF		
2	Silt Fence - Non Sensitive	6100	LF		
3	Construction Exit	1	EA		
4	Dust Control/Temporary/Permanent Grassing / Mulching	1	LS		
SUBTOTAL					

SECTION III – WATER DISTRIBUTION SYSTEM

Item	Description	Est. Qty.	Unit	Unit Price	Total Price
1	1" Polyethylene Water Service Lateral - Horizontal Directional Drill	250	LF		
2	1" Polyethylene Water Service Lateral - Direct Bury (incl tapping saddle connection)	370	LF		
3	Jack and Bore--16" Carrier Pipe w/ spacers in 24" Steel Casing	70	LF		
4	16" PVC Watermain (incl fittings)	5150	LF		
5	16" Restrained Joint Pipe	1140	LF		
6	16" Valve in Box	7	EA		
7	Connect to Existing 16" Watermain	2	EA		
8	Fire Hydrant Assembly	7	EA		
9	Watermain Markers	12	EA		
SUBTOTAL					
GRAND TOTAL:					

SECTION IV – WATER DISTRIBUTION SYSTEM (ALTERNATE)					
Item	Description	Est. Qty.	Unit	Unit Price	Total Price
3a	16” Fusible PVC Directional Bore (replaces 80 LF jack and bore)	155	LF		
4a	16” PVC Watermain (incl fittings; replaces watermain length using jack and bore)	5120	LF		
GRAND TOTAL:					

Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

ARTICLE 6 - TIME OF COMPLETION

- 6.01 Bidder agrees to commence work within ten (10) days after the Notice to Proceed is issued and to complete all Work within 90 calendar days after the 10 day period.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 - ATTACHMENTS TO THIS BID

- 7.01 The following documents are submitted with and made a condition of this Bid:
 - A. Required Bid security in the form of_____;
 - B. List of Proposed Subcontractors (Attachment G);
 - B. Evidence of authority to do business in the state of the Project;
 - C. Drug Free Workplace Certification (Attachment A);
 - D. Promise of Non Discrimination Statement (Attachment B);
 - E. Disclosure of Responsibility Statement (Attachment C);
 - F. Bidders Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion (Attachment H);
 - G. Contractor Affidavit and Agreement (Attachment D);
 - I. Subcontractor Affidavit (Attachment E);
 - J. Non-Collusion Affidavit (Attachment I);
 - K. Payment and Performance Bond templates (Bonds **MUST** be submitted on these templates) (Attachment J)

ARTICLE 5 – CONTRACT PRICE (REVISED)

5.01 Owner shall pay Contractor for completion of the Work in accordance with the Contract Documents an amount in current funds equal to the sum of the amounts determined pursuant to Paragraphs 5.01.A, below:

A. For all Unit Price Work, an amount equal to the sum of the established unit price for each separately identified item of Unit Price Work times the actual quantity of that item:

SECTION I – GENERAL

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1	Mobilization	1	LS		
2	Traffic Control	1	LS		
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SUBTOTAL					

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SUBTOTAL					

SECTION III – WATER DISTRIBUTION SYSTEM

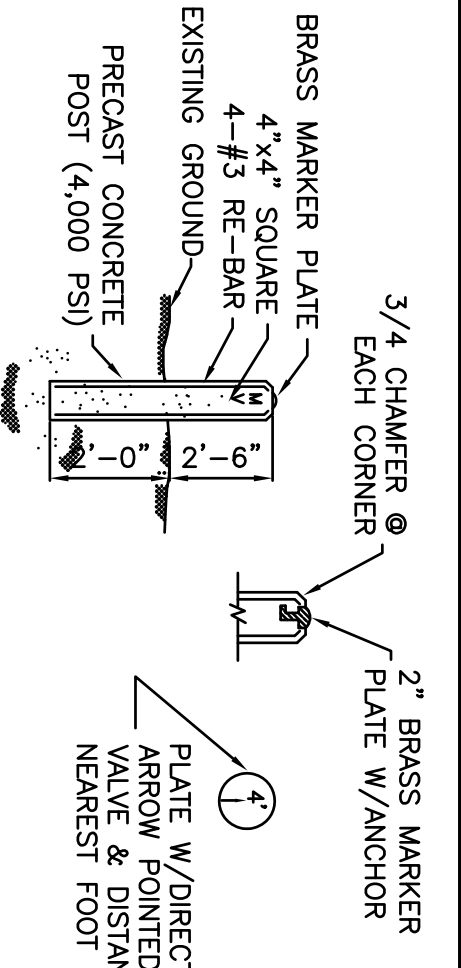
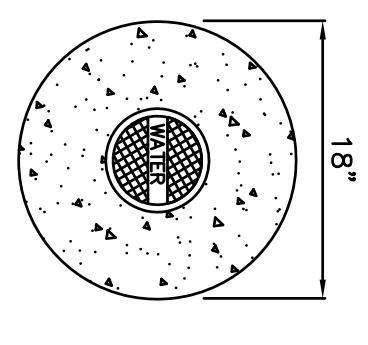
Item	Description	Est. Qty.	Unit	Unit Price	Total Price
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7	Connect to Existing 16" Watermain	2	EA		
8	Fire Hydrant Assembly	7	EA		
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SUBTOTAL					
GRAND TOTAL:					

SECTION IV – WATER DISTRIBUTION SYSTEM (ALTERNATE)

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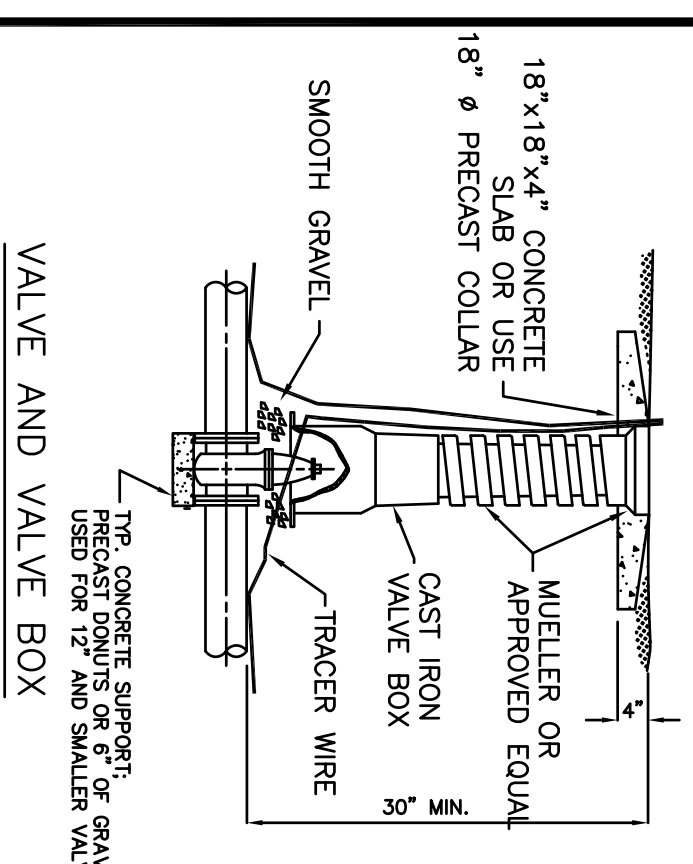
The Bid prices for Unit Price Work set forth as of the Effective Date of the Agreement are based on estimated quantities. Estimated quantities are not guaranteed, and determinations of actual quantities and classifications are to be made by Engineer.

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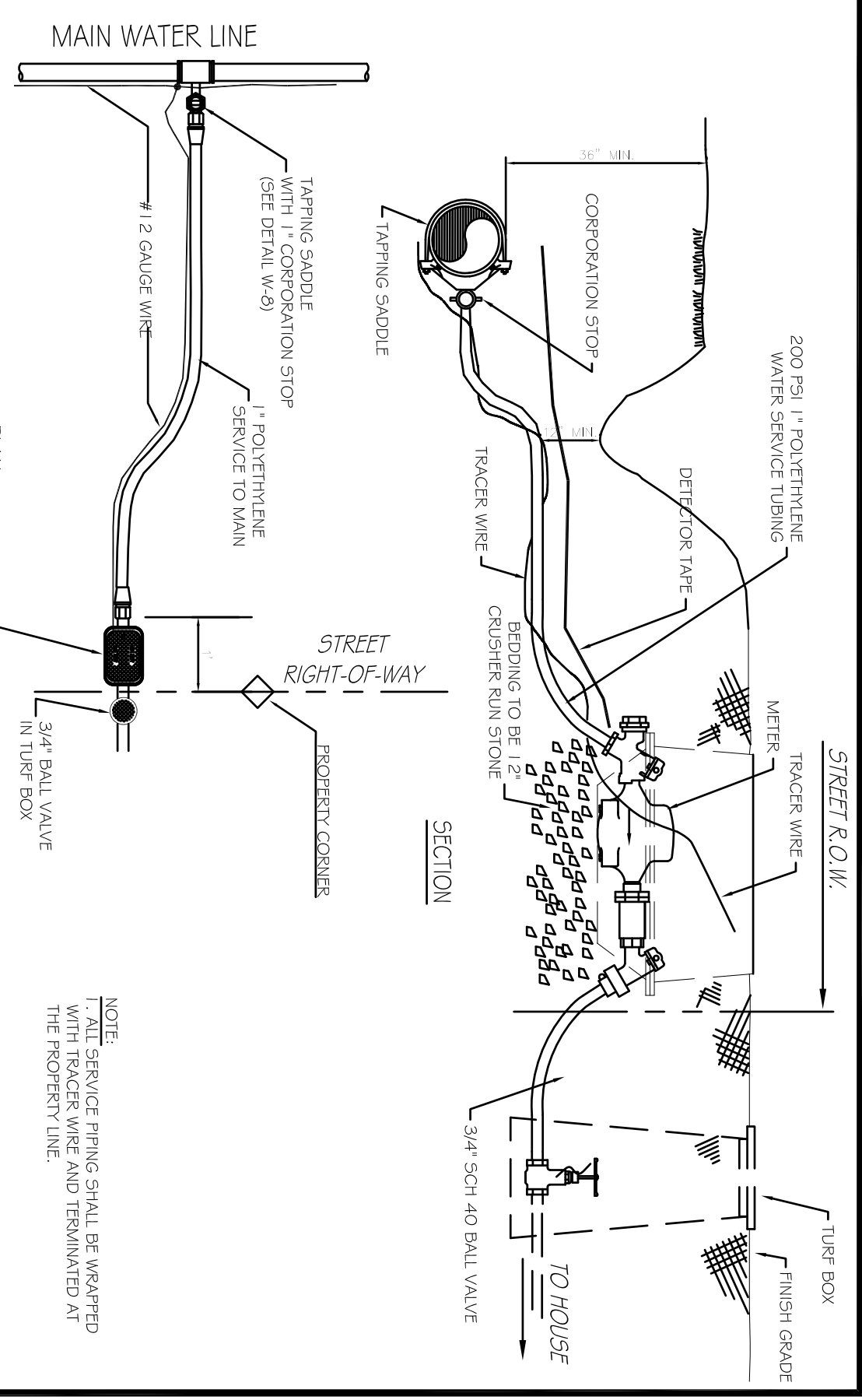
CONCRETE VALVE MARKER

NOTE 1: WATER MAIN LINE VALVE MARKERS SHALL BE PAINTED FEDERAL SAFETY BLUE AND MARKED AS FOLLOWS:
 MV - MAIN VALVE
 AV - AIR RELEASE VALVE
 PIPELINE - PIPELINE MARKER
 VALVE NOT.



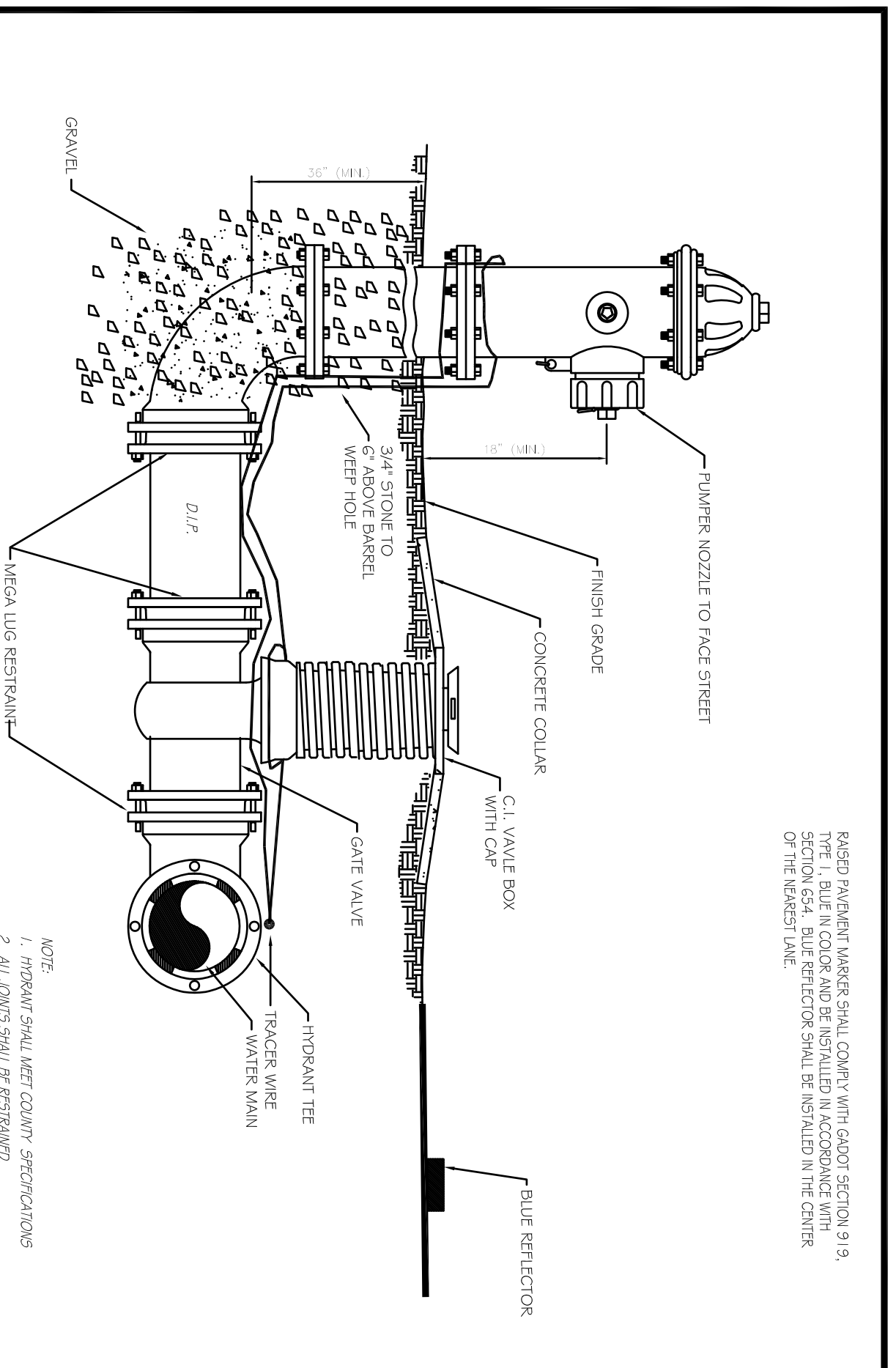
VALVE AND VALVE BOX

EFFINGHAM COUNTY	DATE	NO.
	August 2004	W-2

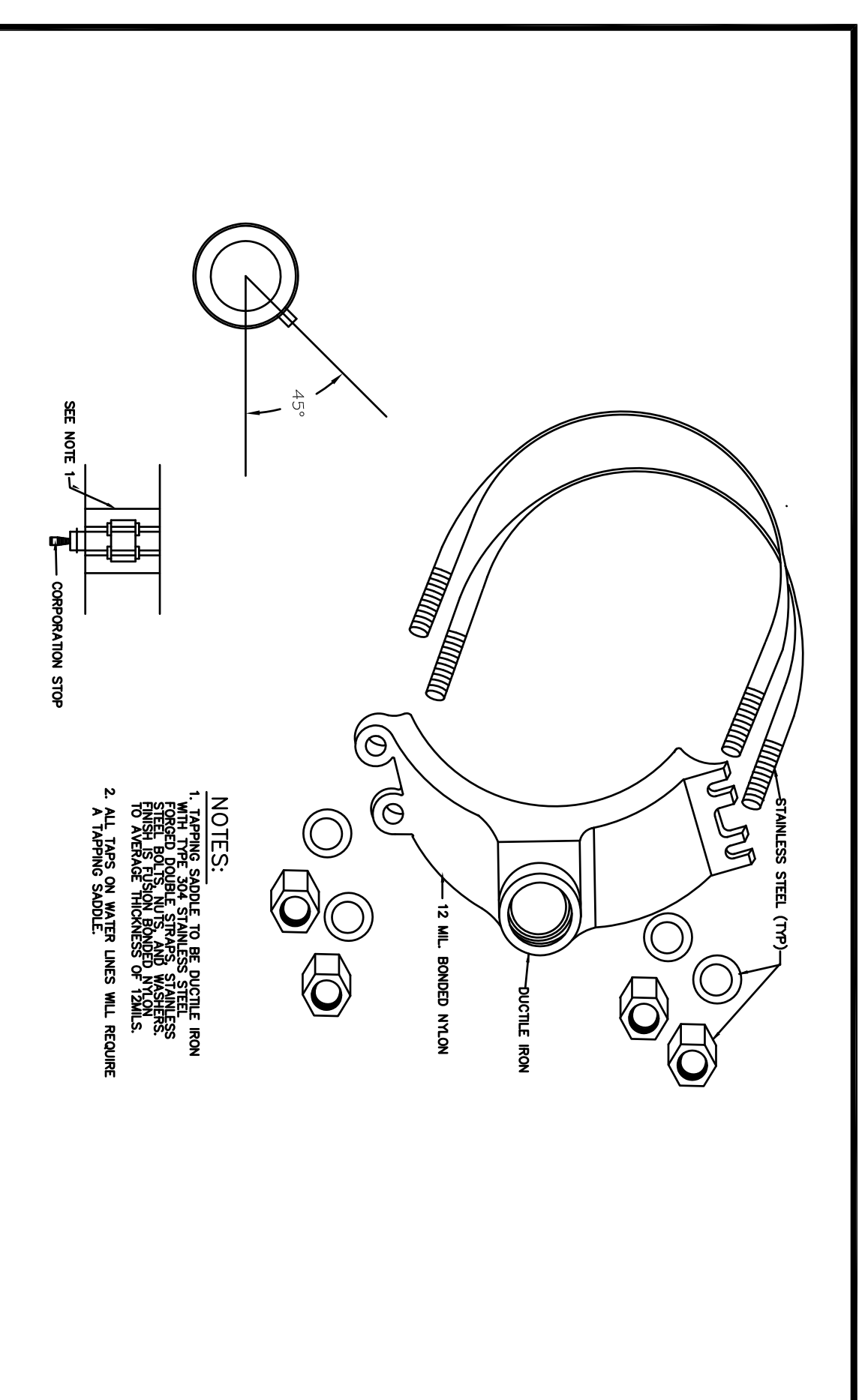


TYPICAL SINGLE SERVICE CONNECTION

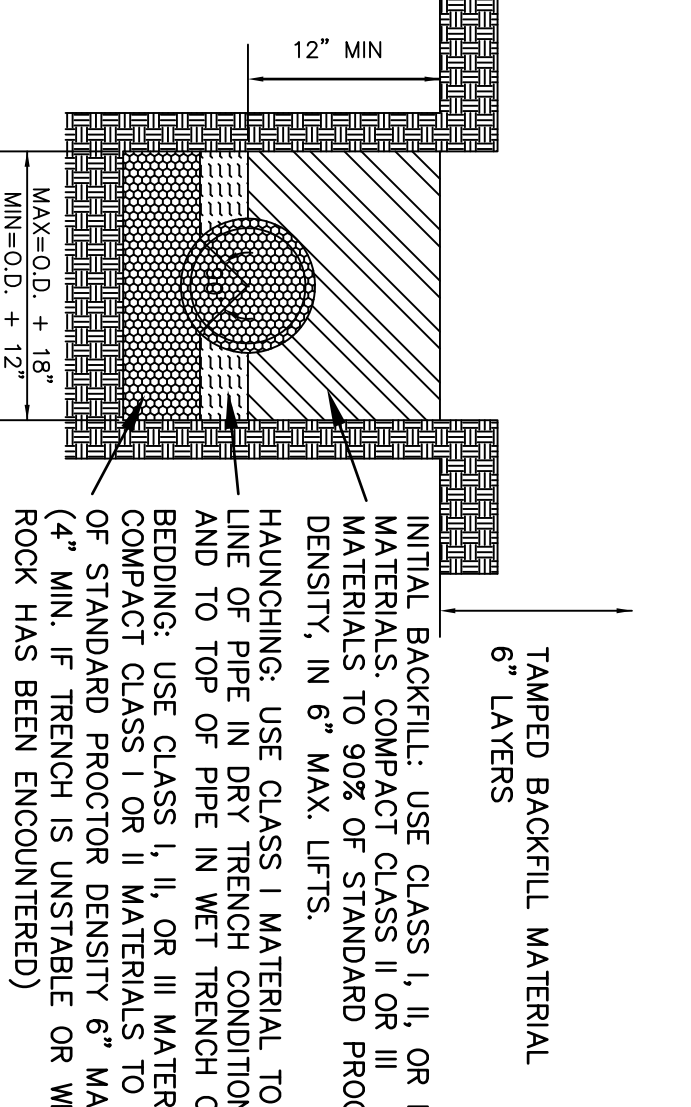
EFFINGHAM COUNTY	DATE	NO.
	August 2004	W-7



EFFINGHAM COUNTY	DATE	NO.
	August 2004	W-3



EFFINGHAM COUNTY	DATE	NO.
	August 2004	W-8



STANDARD PIPE BEDDING AND BACKFILL FOR PVC & DUCTILE PIPE

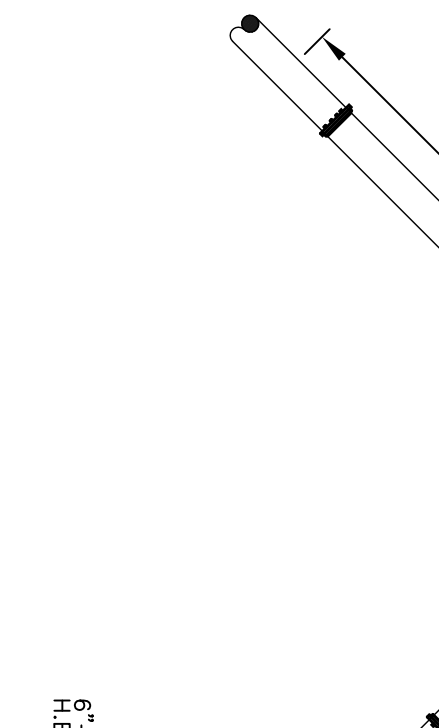
PIPE DIA.	L
4	28
6	40
8	52
10	62
12	73
16	94
20	114
24	132

PIPE DIA.	L
4	52
6	74
8	98
10	115
12	136

NOTES:
 1. LENGTH OF RESTRAINT SHOWN IS IN FEET.
 2. WHERE LINES CONSIST OF BOTH DUCTILE IRON AND PVC WITHIN THE LIMITS OF RESTRAINT, LIMITS FOR PVC SHALL APPLY.

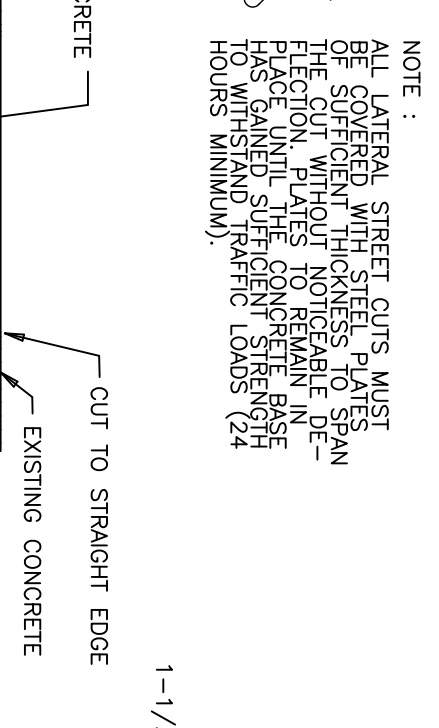
DEAD END RESTRAINT

PIPE DIA.	11 1/2"	22 1/2"	45"	90"
4	3	4	8	20
6	4	5	12	28
8	5	6	18	42
10	6	7	21	51
12	7	8	27	65
16	9	11	33	79
20	11	14	38	92
24	14	18	48	112



NOTES:
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HORIZONTAL BEND RESTRAINT

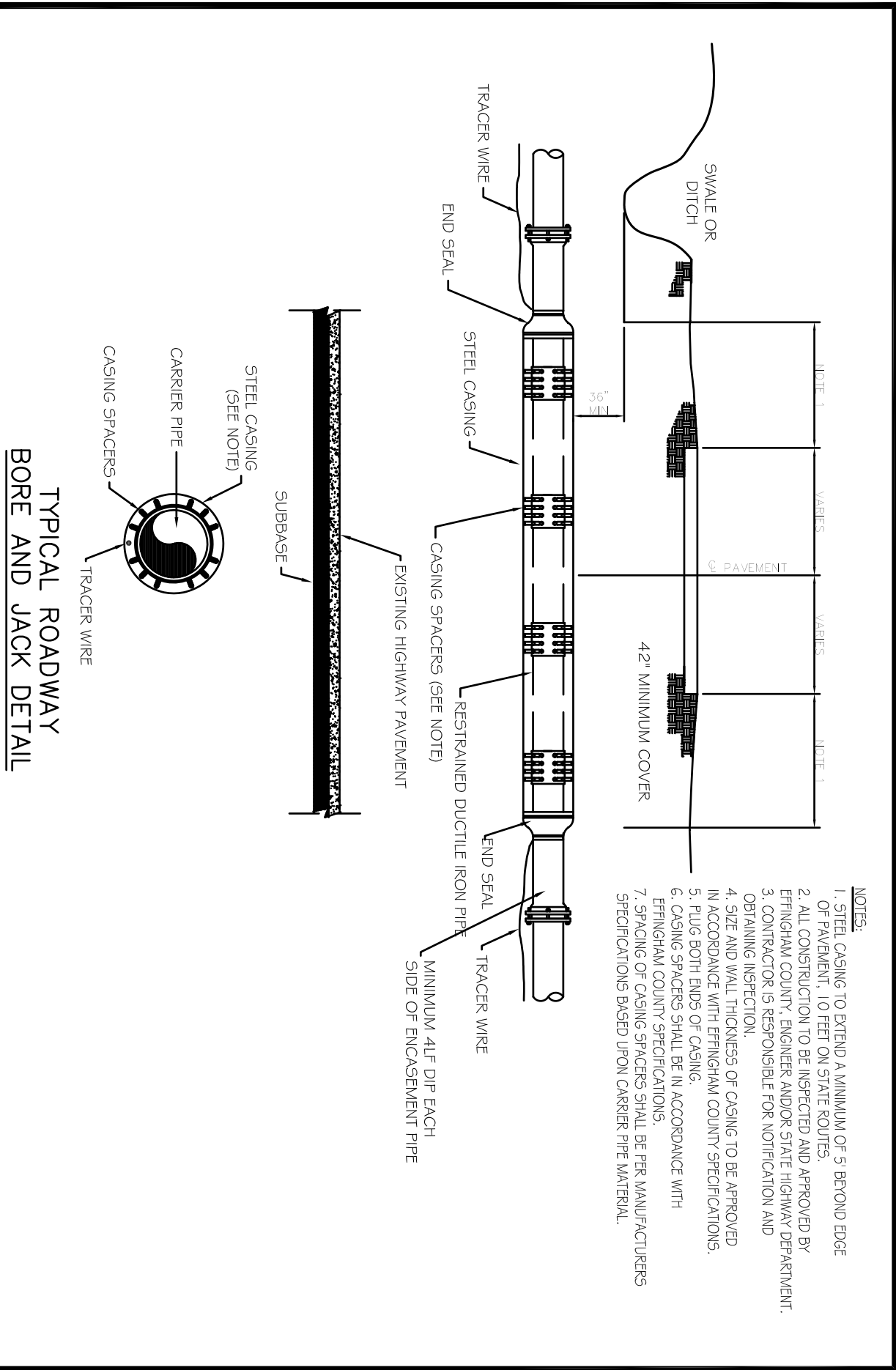


TEE	U1	5'-10"	11'-20"	21'-35"	> 35"
4x4	4.3	2.8	4	*	*
6x4	3.8	1.7	*	*	*
8x4	6.4	4.9	2.5	*	*
8x6	3.4	6	*	*	*
8x8	6.1	4.2	1.0	*	*
10x4	8.7	7.2	4.8	1.2	*
10x6	2.9	*	*	*	*
10x8	5.8	3.4	*	*	*
10x8	8.4	6.6	3.5	*	*
10x10	10.6	9.1	6.7	3.1	*
12x4	2.4	2.6	*	*	*
12x6	5.4	2.6	2.3	*	*
12x8	8.2	6.0	5.7	1.3	*
12x10	10.4	8.6	8.7	1.3	*
12x12	12.6	11.2	8.7	5.1	*

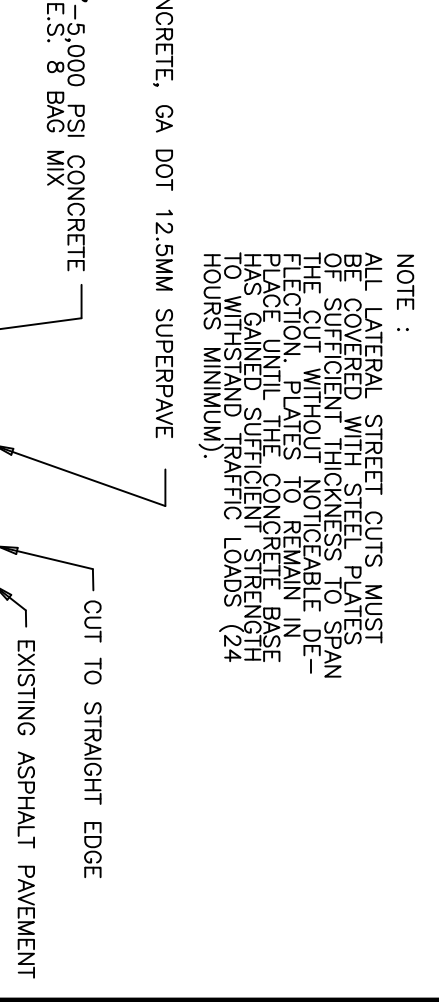
PIPE DIA.	11 1/2"	22 1/2"	45"	90"
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8	5	6	18	42
10	6	7	21	51
12	7	8	27	65
16	9	11	33	79
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24	14	18	48	112

NOTES:
 1. LENGTH OF RESTRAINT SHOWN IS IN FEET.
 2. WHERE LINES CONSIST OF BOTH DUCTILE IRON AND PVC WITHIN THE LIMITS OF RESTRAINT, LIMITS FOR PVC SHALL APPLY.

VERTICAL BEND RESTRAINT

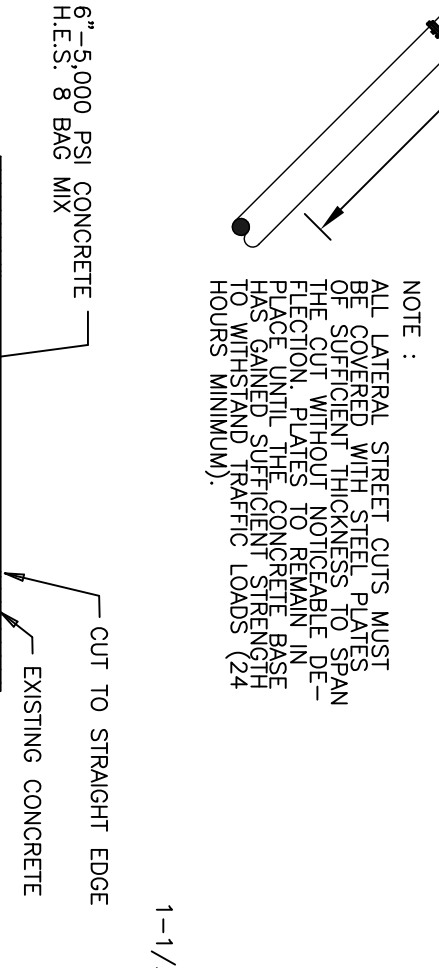


EFFINGHAM COUNTY	DATE	NO.
	August 2004	W-6



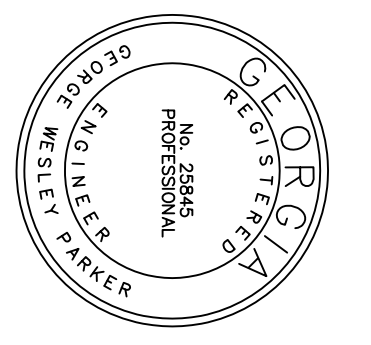
NOTES:
 1. LENGTH OF RESTRAINT SHOWN IS IN FEET.
 2. WHERE LINES CONSIST OF BOTH DUCTILE IRON AND PVC WITHIN THE LIMITS OF RESTRAINT, LIMITS FOR PVC SHALL APPLY.

PAYEMENT REPLACEMENT



NOTES:
 1. LENGTH OF RESTRAINT SHOWN IS IN FEET.
 2. WHERE LINES CONSIST OF BOTH DUCTILE IRON AND PVC WITHIN THE LIMITS OF RESTRAINT, LIMITS FOR PVC SHALL APPLY.

CONCRETE REPLACEMENT



36 Courtland Street, Suite B
 Statesboro, Georgia 30458
 Phone: 912-764-7722
 Fax: 912-764-6960



BLUE JAY ROAD WATER MAIN EXTENSION
EFFINGHAM COUNTY, GA
 prepared for:
EFFINGHAM CO. BOARD OF COMMISSIONERS

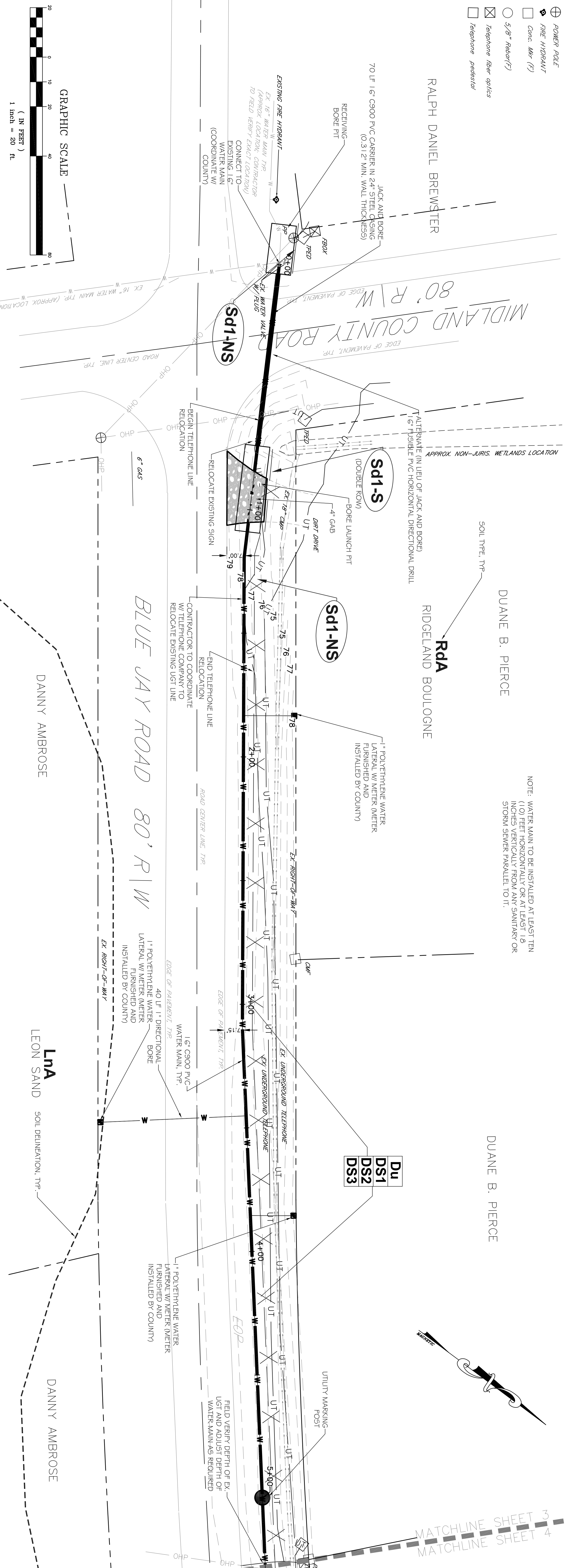
No.	Date	Revision

Sheet Title:
CONSTRUCTION DETAILS

Drawn By: WAS
 Checked By: GMP
 Date: N.T.S.
 Project No.: PE17183

Scale: 1/4"

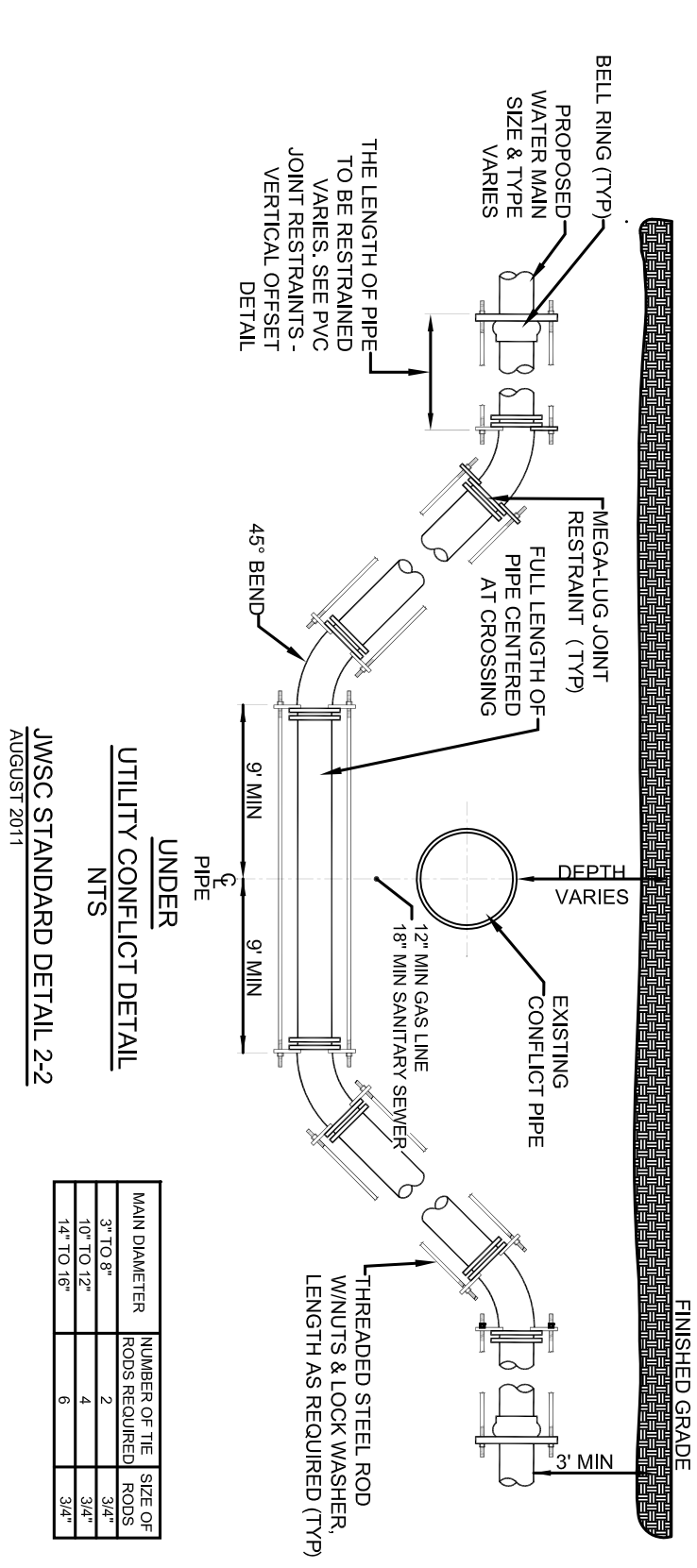
- ⊕ POWER POLE
- ⊕ FIRE HYDRANT
- CONC. MK. (C)
- 5/8" REBAR (R)
- ⊗ Telephone Meter cabinet
- ⊗ Telephone pedestal



NOTE: WATER MAIN TO BE INSTALLED AT LEAST TEN (10) FEET HORIZONTALLY OR AT LEAST 1.8 INCHES VERTICALLY FROM ANY SANITARY OR STORM SEWER PARALLEL TO IT.

GEORGE WESLEY PARKER
 0000033463
 LEVEL II CERTIFICATION NUMBER
 EXPIRES 05/04/2019

84	CONNECT TO EXISTING WATER MAIN (COORDINATE W/ COUNTY)	78.89	78.89				
82	JACK AND BORE 16" PVC CARRIER PIPE IN 24" STEEL CASING (0.312" MIN. WALL THICKNESS)						
80	EXISTING 16" WATER VALVE						
78	LAUNCH PIT						
76	JACK AND BORE 16" PVC CARRIER PIPE IN 24" STEEL CASING (0.312" MIN. WALL THICKNESS)						
74	RECEIVING BORE PIT						
72	ALTERNATE IN LINE OF JACK AND BORE 16" FUSIBLE PVC HORIZONTAL DIRECTIONAL DRILL (NOTE: STOP BORE IN FRONT OF CONNECTING EXISTING WATER MAIN LOCATION)	79.42	79.42				
		0+00					
		2+00	79.75	79.75			
		3+00	79.63	79.63			
		4+00	79.55	79.55			
		5+00	79.51	79.51			
			79.48	79.48			

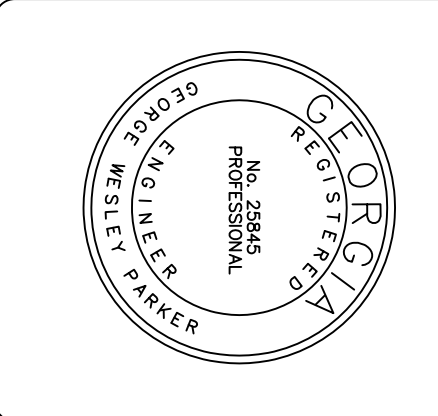


PROPOSED WATER MAIN
 STA: 6+00-12+08
 H: 1" = 20'
 V: 1" = 4'

BLUE JAY ROAD WATER MAIN EXTENSION
EFFINGHAM COUNTY, GA
 prepared for:
EFFINGHAM CO. BOARD OF COMMISSIONERS



36 Courtland Street, Suite B
 Statesboro, Georgia 30458
 Phone: 912-764-7722
 Fax: 912-764-6960



Sheet Title: UTILITY PLAN AND PROFILE #1	Drawn By: WAS	Checked By: GWP	Scale: 1" = 20'	Project No. PE17183
No.	Date	Revision		
1	12/15/2017	INITIAL SUBMITTAL		
2	1/29/2018	REVISION 1		

Addendum No.1
ITB No. 18-006 – Blue Jay Road Water Main Extension

All other terms and conditions in ITB No. 18-006 remain unchanged.

Effingham County reserves the right to reject any and all proposals, to waive any technicalities or irregularities and to award the offer based upon the most responsive, responsible submission.

Please sign receipt of this Addendum No. 1 below:

Print Name

Signature

Date

END OF ADDENDUM NO. 1