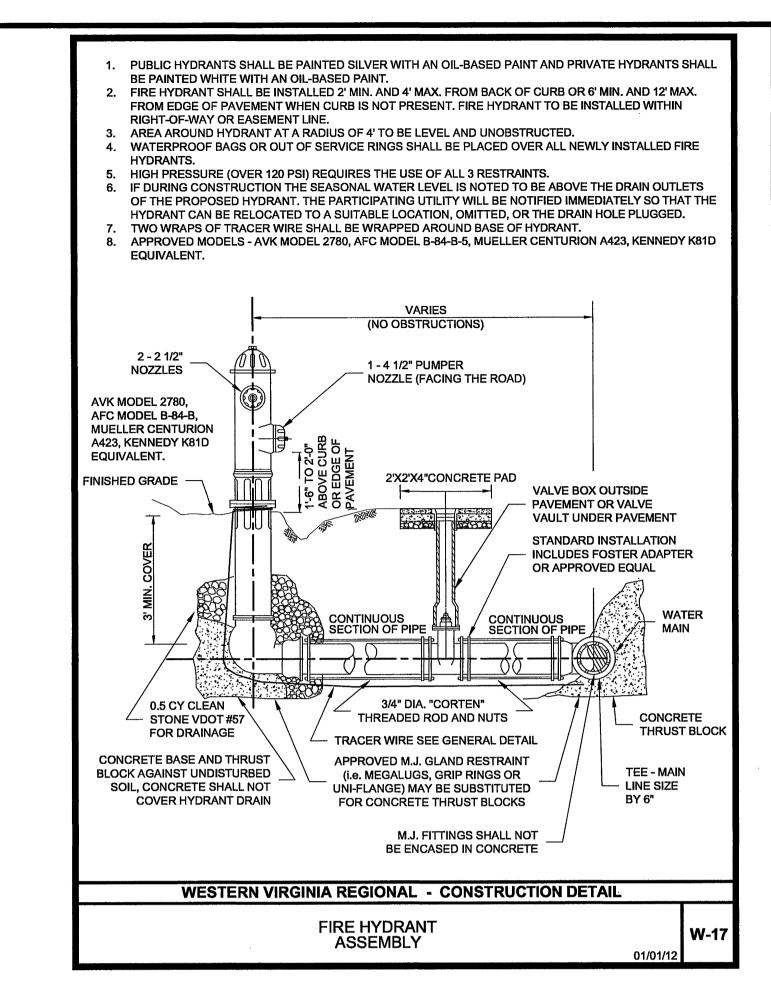
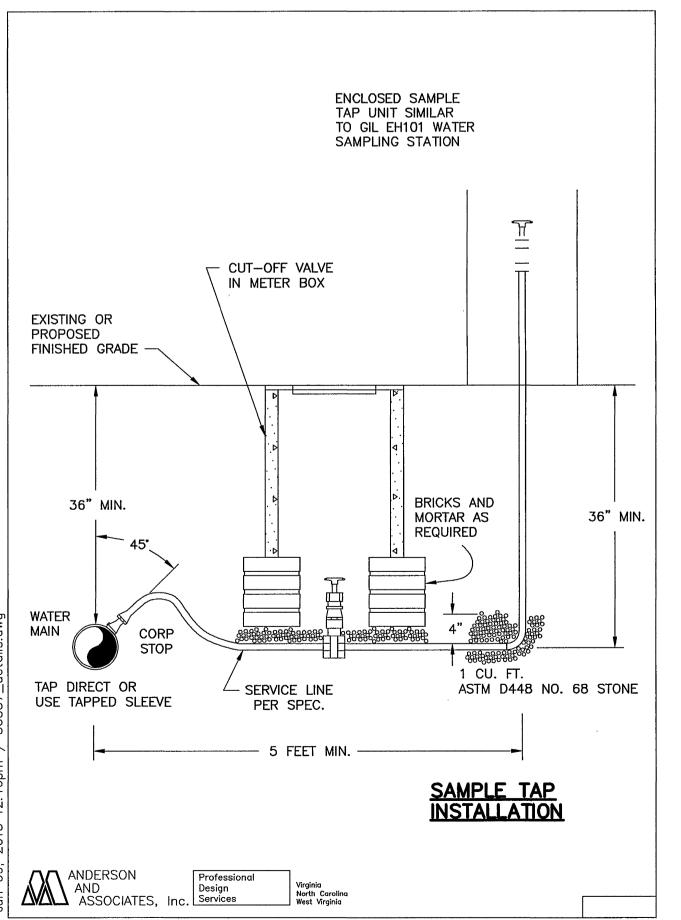


	Т	ABLE 3 AW	TILE IRON V WA C600-0	5				
Maximum	o Joint Defle	ction Full Lo	ength of Pipe		Type Joint ate Radius	1		
			Offset - S*	of Cur	ve - R*			
		(inc	hes)		ced by on of Joints			
Nominal Pipe Size (inches)	Deflection Angle - θ (degree)	Joint Length 18-Feet	Joint Length 20-Feet	Joint Length 18-Feet	Joint Length 20-Feet			
3	5°	19	21	205	230	1		
4	5°	19	21	205	230]		
6	5°	19	21	205	230			
8	5°	19	21	205	230		,	
10	5°	19	21	205	230			
12	5°	19	21	205	230			
14	3°	11	12	340	380	_		
16	3°	11	12	340	380	_	/	
18	3°	11	12	340	380	-		
20	3°	11	12	340	380	│	-s / /_	
24 30	3°	11 11	12 12	340 340	380 380	4		
For 14-inch be larger th	JRE 4. n and larger nan shown a	bove. Cons	sult the man	ufacturer.			R	
For 14-inch be larger th	n and larger nan shown a	N OF DUCT ABLE 4 AW	sult the man TILE IRON V WA C600-0 ngth of Pipe	ufacturer. VATER MAII 5 - Mechanica Approxim	NS al Joint Pipe ate Radius]	P	7
For 14-inch be larger th	n and larger nan shown a STALLATIO T	N OF DUCT ABLE 4 AW tion Full Ler Maximum	sult the manu TILE IRON V WA C600-0	VATER MAII 5 - Mechanica Approximation Of Cur Produ	NS al Joint Pipe			7
For 14-inch be larger th	n and larger nan shown a STALLATIO T	N OF DUCT ABLE 4 AW tion Full Ler Maximum	Sult the man	VATER MAII 5 - Mechanica Approximation Of Cur Produ	NS al Joint Pipe ate Radius ve - R* ced by			FSET
For 14-inch be larger th IN: Maximum Nominal Pipe Size (inches)	n and larger nan shown a STALLATIO T Joint Deflection Angle - θ (degree) 8°-18"	N OF DUCT ABLE 4 AW tion Full Lei Maximum (Inc Joint Length 18-Feet	TILE IRON V TWA C600-0 ngth of Pipe Offset - S* hes) Joint Length 20-Feet	VATER MAII 5 - Mechanica Approxim of Cur Produ Successio Joint Length 18-Feet	NS al Joint Pipe ate Radius ve - R* ced by on of Joints Joint Length 20-Feet		θ = DEFLECTION ANGLE S = JOINT DEFLECTION OF L = LAYING LENGTH	FSET
For 14-inch be larger th IN: Maximum Nominal Pipe Size (inches) 3	n and larger han shown a STALLATIO T Joint Deflection Angle - θ (degree) 8°-18"	N OF DUCT ABLE 4 AW tion Full Lei Maximum (Inc Joint Length 18-Feet 31	TILE IRON V WA C600-0 ngth of Pipe Offset - S* hes) Joint Length 20-Feet 35	VATER MAII 5 - Mechanica Approxim of Cur Produ Successio Joint Length 18-Feet 125	NS al Joint Pipe ate Radius ve - R* ced by on of Joints Joint Length 20-Feet 140		θ = DEFLECTION ANGLE S = JOINT DEFLECTION OFI L = LAYING LENGTH R = RADIUS OF CURVE R = L/(2tanθ/2)	FSET
Nominal Pipe Size (inches)	Deflection Angle - θ (degree) 8°-18" 7°-07"	N OF DUCT ABLE 4 AW tion Full Lei Maximum (Inc Joint Length 18-Feet 31 31 27	TILE IRON VIVA C600-0 ngth of Pipe Offset - S* hes) Joint Length 20-Feet 35 35	VATER MAII 5 - Mechanica Approximation of Cur Produs Succession Joint Length 18-Feet 125 125 145	NS al Joint Pipe ate Radius ve - R* ced by on of Joints Joint Length 20-Feet 140 140 160		θ = DEFLECTION ANGLE S = JOINT DEFLECTION OF L = LAYING LENGTH R = RADIUS OF CURVE	FSET
For 14-inch be larger the larger	Deflection Angle - 0 (degree) 8°-18" 7°-07" 5°-21"	N OF DUCT ABLE 4 AW tion Full Lei Maximum (Inc Joint Length 18-Feet 31 31 27 20	Joint Length 20-Feet 35 35 30 22	VATER MAII 5 - Mechanica Approximof Cur Producessic Joint Length 18-Feet 125 125 145	NS al Joint Pipe ate Radius ve - R* ced by on of Joints Joint Length 20-Feet 140 140 160 220		θ = DEFLECTION ANGLE S = JOINT DEFLECTION OFI L = LAYING LENGTH R = RADIUS OF CURVE R = L/(2tanθ/2)	FSET
Nominal Pipe Size (inches) 3 4 6 8 10	Deflection Angle - θ (degree) 8°-18" 7°-07" 5°-21"	N OF DUCT ABLE 4 AW tion Full Lei Maximum (Inc Joint Length 18-Feet 31 31 27 20 20	Joint Length 20-Feet 35 30 22 22	VATER MAII 5 - Mechanica Approxime of Cur Produ Successio Joint Length 18-Feet 125 125 145 195	NS al Joint Pipe ate Radius ve - R* ced by on of Joints Joint Length 20-Feet 140 140 160 220 220		θ = DEFLECTION ANGLE S = JOINT DEFLECTION OFI L = LAYING LENGTH R = RADIUS OF CURVE R = L/(2tanθ/2)	FSET
For 14-inch be larger the larger	Deflection Angle - θ (degree) 8°-18" 7°-07" 5°-21" 5°-21"	N OF DUCT ABLE 4 AW tion Full Lei Maximum (Inc Joint Length 18-Feet 31 31 27 20 20 20	Joint Length 20-Feet 35 35 30 22 22 22 22	VATER MAII 5 - Mechanica Approxim of Cur Produ Successic Joint Length 18-Feet 125 125 145 195	NS al Joint Pipe ate Radius ve - R* ced by on of Joints Joint Length 20-Feet 140 140 160 220 220		θ = DEFLECTION ANGLE S = JOINT DEFLECTION OFI L = LAYING LENGTH R = RADIUS OF CURVE R = L/(2tanθ/2)	FSET
Nominal Pipe Size (inches) 3 4 6 8 10 12	Deflection Angle - θ (degree) 8°-18" 7°-07" 5°-21" 5°-21" 3°-35"	N OF DUCT ABLE 4 AW tion Full Lei Maximum (Inc Joint Length 18-Feet 31 27 20 20 20 13.5	Joint Length 20-Feet 35 30 22 22 22 15	VATER MAII 5 - Mechanica Approximof Cur Produ Successio Joint Length 18-Feet 125 125 145 195 195	NS al Joint Pipe ate Radius ve - R* ced by on of Joints Joint Length 20-Feet 140 160 220 220 220 320		θ = DEFLECTION ANGLE S = JOINT DEFLECTION OFI L = LAYING LENGTH R = RADIUS OF CURVE R = L/(2tanθ/2)	FSET
For 14-inch be larger the larger	Deflection Angle - θ (degree) 8°-18" 7°-07" 5°-21" 5°-21" 3°-35" 3°-35"	N OF DUCT ABLE 4 AW tion Full Lei Maximum (Inc Joint Length 18-Feet 31 27 20 20 20 13.5 13.5	Joint Length 20-Feet 35 35 30 22 22 15 15	VATER MAII 5 - Mechanica Approxim of Cur Produ- Successic Joint Length 18-Feet 125 125 145 195 195 195 285 285	NS al Joint Pipe ate Radius ve - R* ced by on of Joints Joint Length 20-Feet 140 140 160 220 220 220 320 320 320		θ = DEFLECTION ANGLE S = JOINT DEFLECTION OFI L = LAYING LENGTH R = RADIUS OF CURVE R = L/(2tanθ/2)	FSET
Nominal Pipe Size (inches) 3 4 6 8 10 12 14 16 18	Deflection Angle - 0 (degree) 8°-18" 7°-07" 5°-21" 5°-21" 3°-35" 3°-35" 3°-00"	N OF DUCT ABLE 4 AW tion Full Lei Maximum (Inc Joint Length 18-Feet 31 31 27 20 20 20 13.5 13.5	Joint Length 20-Feet 35 35 30 22 22 15 15 12	VATER MAII 5 - Mechanica Approximof Cur Producessic Joint Length 18-Feet 125 125 145 195 195 195 285 285 340	NS al Joint Pipe ate Radius ve - R* ced by on of Joints Joint Length 20-Feet 140 140 160 220 220 220 320 320 380		θ = DEFLECTION ANGLE S = JOINT DEFLECTION OFI L = LAYING LENGTH R = RADIUS OF CURVE R = L/(2tanθ/2)	FSET
For 14-inch be larger the larger	Deflection Angle - θ (degree) 8°-18" 7°-07" 5°-21" 5°-21" 3°-35" 3°-35" 3°-00"	N OF DUCT ABLE 4 AW tion Full Lei Maximum (Inc Joint Length 18-Feet 31 27 20 20 20 13.5 13.5 11	Joint Length 20-Feet 35 35 30 22 22 15 15 12 12	VATER MAII 5 - Mechanica Approxim of Cur Produ Successio Joint Length 18-Feet 125 125 145 195 195 195 285 285 340 340	NS al Joint Pipe ate Radius ve - R* ced by on of Joints Joint Length 20-Feet 140 140 160 220 220 220 320 320 380 380		θ = DEFLECTION ANGLE S = JOINT DEFLECTION OFI L = LAYING LENGTH R = RADIUS OF CURVE R = L/(2tanθ/2)	FSET
Nominal Pipe Size (inches) 3 4 6 8 10 12 14 16 18	Deflection Angle - θ (degree) 8°-18" 7°-07" 5°-21" 5°-21" 3°-35" 3°-35" 3°-00" 2°-23"	N OF DUCT ABLE 4 AW tion Full Lei Maximum (Inc Joint Length 18-Feet 31 31 27 20 20 20 13.5 13.5	Joint Length 20-Feet 35 35 30 22 22 15 15 12	VATER MAII 5 - Mechanica Approximof Cur Producessic Joint Length 18-Feet 125 125 145 195 195 195 285 285 340	NS al Joint Pipe ate Radius ve - R* ced by on of Joints Joint Length 20-Feet 140 140 160 220 220 220 320 320 380		θ = DEFLECTION ANGLE S = JOINT DEFLECTION OFI L = LAYING LENGTH R = RADIUS OF CURVE R = L/(2tanθ/2)	FSET

01/01/12







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: 07 JUN 13 DESIGNED: CSF DRAWN : SEC CHECKED: MGG QA/QC : CSF

COMMENTS

FRANKLIN COUNTY / WESTERN VIRGINIA WATER AUTHORITY **BURNT CHIMNEY WATER EXTENSION** FRANKLIN COUNTY, VIRGINIA

WVWA STANDARD DETAILS 3

DOCUMENT NO. SHEET

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