HYDRAULIC CALCULATIONS TABLE

- 1. DESIGNATES THE TYPE OF STORM PIPE CONNECTION (SOFFIT TO SOFFIT, CENTERLINE TO CENTERLINE, OR FLOWLINE TO FLOWLINE) OR THE ELEVATION DIFFERENCE ACROSS THE STRUCTURE AT THE UPSTREAM STATION.
 2. THE STATION AT WHICH THE HYDRAULIC GRADE LINE INTERSECTS THE NORMAL DEPTH IN THE PIPE.
- 3. THE ELEVATION AT WHICH THE HYDRAULIC GRADE LINE INTERSECTS THE NORMAL DEPTH IN THE PIPE.
- 4. STARTING HGL PER STORM SEWER AS BUILT DATED 12-15-1983

	Line ST-	1	1																					
December 1,000 1	Downstream		Q (cfs)	Pipe Type	Box (W x H)	'n'' Value		•		Dwn HGL	Up HGL	-	Dwn FL	Up FL	V (fps)	V ² / _{2g} (ft)	Sf	Q _{cap} (cfs)	D _n (ft)	D _p (ft)	V _p (fps)	V _p ² / _{2g} (ft)		
March Marc			†	· ·	 	+	+			1						 					,		,	
Marche M			1	<u> </u>	†	 				1														1
1				 	<u> </u>	1																		
Comparison Com			†	1	†	1				1						1								
Committee Comm																								
Committee Comm																								
	Line ST-	1A		1		2+17.26	Junction Type	Manhole - 90°	N/A															
Description Control			Q (cfs)	Pipe Type	Box (W x H)	'n'' Value		•			Up HGL		Dwn FL	Up FL	V (fps)	V ² / _{2g} (ft)	S _f	Q _{cap} (cfs)	D _n (ft)	D _p (ft)	V _p (fps)	V _p ² / _{2g} (ft)		
Concentration Concentratio	0+00.00	0+08.99		Pipe	24''	0.013	0.0363			643.36	643.40	643.56	640.20	640.53	4.54	0.32	0.0040	43.10	0.79	N/A	_	-		1
Committee Comm	0+08.99	0+14.58	14.26	Pipe	24''	0.013	0.0363	Inlet	640.73	643.56	643.58	644.06	640.53	640.73	4.54	0.32	0.0040	43.10	0.79	N/A	N/A	N/A	N/A	N/A
Contraction																								
December Companies Compa	Line ST-	2		1	At Station	1+89.77	Junction Type	Manhole - Through	N/A															
Section Sect				Pipe Type		'n'' Value		-			Up HGL		Dwn FL	Up FL	V (fps)	V ² /2g (ft)	Sf	Q _{cap} (cfs)	D _n (ft)	D _p (ft)	V _p (fps)	V _n ² /2g (ft)		
	Station	Station		' '			(tt/tt)	Гуре	FL	(Auto Calc)		Jump		•	,,,,	, 28 (37)		/	, -,	, , -,	, /	F / ~6 \·*/	Station	Elevation
	0+00.00	0+56.59	6.94	Pipe	18''	0.013	0.0100	Wye	Centerlines	643.01	643.25	643.29	639.19	639.76	3.93	0.24	0.0044	10.50	0.89	N/A	N/A	N/A	N/A	N/A
		+	6.44	 	18''	 	0.0100	·													-			
2-06.58 2-94.62 -60.00 -7.2	1+10.71	1+91.41	4.60	Pipe	18''	0.013	0.0100		Soffits	643.59	643.75	643.80	640.30	641.10	2.60	0.11	0.0019	10.50	0.69	N/A	N/A	N/A	N/A	N/A
Pipe 19" 10"		+		· ·	Ì		+									 								+
2-91-40 2-91								•		1											,			
2-35-41 2-36-54 1-08 mgs 32" 0-031 0-2566 1-031 0-2566				 	 	+				+						 					-			
2-46-241 2-99-14 2-9		+		<u> </u>		 				+											-	-		
Commentation Comm		+	†	 		 				+						 		-			-			
Design Station Contraction	2+36.41	2+99.13	1.06	Pipe	12	0.013	0.0266	Iniet	643.77	644.09	644.15	644.51	642.10	643.77	1.35	0.03	0.0009	5.81	0.29	0.38	3.92	0.24	IN/A	IN/A
Design Station Contraction																								
Devisition Station S	Line ST-	2A		2	At Station	0+56.59	Junction Type	Wye	Centerlines															
Condition Cond			Q (cfs)	Pipe Type	Box (W x H)	'n'' Value		•			Up HGL			Up FL	V (fps)	$V^2/_{2g}$ (ft)	S _f	Q _{cap} (cfs)	D _n (ft)	D _p (ft)	V _p (fps)	$V_p^2/_{2g}$ (ft)		
Connects to	0+00 00	0+29.96	0.50	Pine		0.013	0.1168	Inlet	6/13 50	6/13/19	6/3/6/	644.51	640.01	6/13 51	0.64	0.01	0.0002	12 18	0.14	0.14	7.62	0.90	0+28.68	6/3/19
Downstream Connects to Connects to Connects to Connect to	0+00.00	0+29.90	0.30	Fipe	12	0.013	0.1108	IIIIet	043.30	043.43	043.04	044.51	040.01	043.31	0.04	0.01	0.0002	12.10	0.14	0.14	7.02	0.90	0+20.00	043.43
Downstream Connects to Connects to Connects to Connect to																								
Downstream Station Outcome of Station Outcome	Line ST-	3		2	At Station																			
0-05.00		Unctroom			At Station	1+10.71	Junction Type	Wye	Centerlines															
0-96.86 1-01.86 1.84 Pipe 12" 0.013 0.0135 Bend -45" Soffits 643.96 643.97 644.01 641.85 641.92 2.34 0.09 0.0027 4.14 0.47 N/A			Q (cfs)	Pipe Type	Size Box (W x H)		Design Slope	Upstream Junction	Connect or		Up HGL	-		Up FL	V (fps)	V ² / _{2g} (ft)	Sf	Q _{cap} (cfs)	D _n (ft)	D _p (ft)	V _p (fps)	V _p ² / _{2g} (ft)		
1+01.86		Station			Size Box (W x H) Pipe ('')	'n'' Value	Design Slope (ft/ft)	Upstream Junction Type	Connect or FL	(Auto Calc)		Jump	(Auto Calc)				·						Station	Elevation
Une ST- 2B Connects to Connects to Connects to Connects to Connects to Connect t	0+00.00 0+05.00	0+05.00 0+96.86	1.84 1.84	Pipe Pipe	Size Box (W x H) Pipe (") 12"	'n'' Value 0.013 0.013	Design Slope (ft/ft) 0.0135 0.0135	Upstream Junction Type Bend - 45° Bend - 45°	Connect or FL Soffits Soffits	(Auto Calc) 643.61 643.67	643.63 643.91	Jump 643.67 643.96	(Auto Calc) 640.55 640.61	640.61 641.85	2.34 2.34	0.09	0.0027 0.0027	4.14 4.14	0.47 0.47	N/A N/A	N/A N/A	N/A N/A	Station N/A N/A	N/A N/A
Downstream Station Vertical Station Vertica	0+00.00 0+05.00 0+96.86	0+05.00 0+96.86 1+01.86	1.84 1.84 1.84	Pipe Pipe Pipe	Size Box (W x H) Pipe (") 12" 12"	'n" Value 0.013 0.013 0.013	Design Slope (ft/ft) 0.0135 0.0135 0.0135	Upstream Junction Type Bend - 45° Bend - 45° Bend - 45°	Connect or FL Soffits Soffits Soffits	643.61 643.67 643.96	643.63 643.91 643.97	Jump 643.67 643.96 644.01	640.55 640.61 641.85	640.61 641.85 641.92	2.34 2.34 2.34	0.09 0.09 0.09	0.0027 0.0027 0.0027	4.14 4.14 4.14	0.47 0.47 0.47	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A
	0+00.00 0+05.00 0+96.86	0+05.00 0+96.86 1+01.86	1.84 1.84 1.84	Pipe Pipe Pipe	Size Box (W x H) Pipe (") 12" 12"	'n" Value 0.013 0.013 0.013	Design Slope (ft/ft) 0.0135 0.0135 0.0135	Upstream Junction Type Bend - 45° Bend - 45° Bend - 45°	Connect or FL Soffits Soffits Soffits	643.61 643.67 643.96	643.63 643.91 643.97	Jump 643.67 643.96 644.01	640.55 640.61 641.85	640.61 641.85 641.92	2.34 2.34 2.34	0.09 0.09 0.09	0.0027 0.0027 0.0027	4.14 4.14 4.14	0.47 0.47 0.47	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A
0+04.00	0+00.00 0+05.00 0+96.86 1+01.86	0+05.00 0+96.86 1+01.86 1+81.75	1.84 1.84 1.84 1.84	Pipe Pipe Pipe Pipe	Size Box (W x H) Pipe (") 12" 12" 12" 12"	'n" Value 0.013 0.013 0.013 0.013	Design Slope (ft/ft) 0.0135 0.0135 0.0135 0.0135	Upstream Junction Type Bend - 45° Bend - 45° Bend - 45° None	Connect or FL Soffits Soffits Soffits 643.00	643.61 643.67 643.96	643.63 643.91 643.97	Jump 643.67 643.96 644.01	640.55 640.61 641.85	640.61 641.85 641.92	2.34 2.34 2.34	0.09 0.09 0.09	0.0027 0.0027 0.0027	4.14 4.14 4.14	0.47 0.47 0.47	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A
Connects to Connects to Connects to Connects to Connects to Connects to Connect station Connect or Conne	0+00.00 0+05.00 0+96.86 1+01.86 Line ST-	Station 0+05.00 0+96.86 1+01.86 1+81.75 2B Upstream	1.84 1.84 1.84 1.84 Connects to	Pipe Pipe Pipe Pipe	Size Box (W x H) Pipe (") 12" 12" 12" At Station Size Box (W x H)	'n" Value 0.013 0.013 0.013 0.013 2+18.42	Design Slope (ft/ft) 0.0135 0.0135 0.0135 0.0135 Junction Type Design Slope	Upstream Junction Type Bend - 45° Bend - 45° Bend - 45° None Wye Upstream Junction	Connect or FL Soffits Soffits Soffits 643.00 Centerlines Connect or	(Auto Calc) 643.61 643.67 643.96 644.01 Dwn HGL	643.63 643.91 643.97 644.23	Jump 643.67 643.96 644.01 644.23 Up HGL w/	(Auto Calc) 640.55 640.61 641.85 641.92 Dwn FL	640.61 641.85 641.92 643.00	2.34 2.34 2.34 2.34	0.09 0.09 0.09 0.09	0.0027 0.0027 0.0027	4.14 4.14 4.14 4.14	0.47 0.47 0.47 0.47	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A Partial	N/A N/A N/A N/A N/A Partial
Line ST- 2 At Station 2+31.41 Junction type Wye Centerlines Downstream Station St	0+00.00 0+05.00 0+96.86 1+01.86 Line ST- Downstream Station 0+00.00	Station 0+05.00 0+96.86 1+01.86 1+81.75 2B Upstream Station 0+04.00	1.84 1.84 1.84 1.84 Connects to Line ST- Q (cfs)	Pipe Pipe Pipe Pipe Pipe Pipe	Size Box (W x H) Pipe (") 12" 12" 12" At Station Size Box (W x H) Pipe (") 18"	'n" Value 0.013 0.013 0.013 2+18.42 'n" Value 0.013	Design Slope (ft/ft) 0.0135 0.0135 0.0135 0.0135 Junction Type Design Slope (ft/ft) 0.0100	Upstream Junction Type Bend - 45° Bend - 45° Bend - 45° None Wye Upstream Junction Type Size Change	Connect or FL Soffits Soffits Soffits 643.00 Centerlines Connect or FL Soffits	(Auto Calc) 643.61 643.67 643.96 644.01 Dwn HGL (Auto Calc) 643.98	643.63 643.91 643.97 644.23 Up HGL	Jump 643.67 643.96 644.01 644.23 Up HGL w/ Jump 643.98	(Auto Calc) 640.55 640.61 641.85 641.92 Dwn FL (Auto Calc)	640.61 641.85 641.92 643.00 Up FL	2.34 2.34 2.34 2.34 V (fps)	0.09 0.09 0.09 0.09 V ² / _{2g} (ft)	0.0027 0.0027 0.0027 0.0027 Sf	4.14 4.14 4.14 Q _{cap} (cfs)	0.47 0.47 0.47 0.47 D _n (ft)	N/A N/A N/A N/A D _p (ft)	N/A N/A N/A N/A V _P (fps)	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A Partial Station N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A
Line ST- 2 At Station 2+31.41 Junction type Wye Centerlines Downstream Station St	0+00.00 0+05.00 0+96.86 1+01.86 Line ST- Downstream Station 0+00.00	Station 0+05.00 0+96.86 1+01.86 1+81.75 2B Upstream Station 0+04.00	1.84 1.84 1.84 1.84 Connects to Line ST- Q (cfs)	Pipe Pipe Pipe Pipe Pipe Pipe	Size Box (W x H) Pipe (") 12" 12" 12" At Station Size Box (W x H) Pipe (") 18"	'n" Value 0.013 0.013 0.013 2+18.42 'n" Value 0.013	Design Slope (ft/ft) 0.0135 0.0135 0.0135 0.0135 Junction Type Design Slope (ft/ft) 0.0100	Upstream Junction Type Bend - 45° Bend - 45° Bend - 45° None Wye Upstream Junction Type Size Change	Connect or FL Soffits Soffits Soffits 643.00 Centerlines Connect or FL Soffits	(Auto Calc) 643.61 643.67 643.96 644.01 Dwn HGL (Auto Calc) 643.98	643.63 643.91 643.97 644.23 Up HGL	Jump 643.67 643.96 644.01 644.23 Up HGL w/ Jump 643.98	(Auto Calc) 640.55 640.61 641.85 641.92 Dwn FL (Auto Calc)	640.61 641.85 641.92 643.00 Up FL	2.34 2.34 2.34 2.34 V (fps)	0.09 0.09 0.09 0.09 V ² / _{2g} (ft)	0.0027 0.0027 0.0027 0.0027 Sf	4.14 4.14 4.14 Q _{cap} (cfs)	0.47 0.47 0.47 0.47 D _n (ft)	N/A N/A N/A N/A D _p (ft)	N/A N/A N/A N/A V _P (fps)	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A Partial Station N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A
Station Station Station Station Pipe Type Box (W x H) Pipe (") Pipe Type Box (W x H) Pipe (")	0+00.00 0+05.00 0+96.86 1+01.86 Line ST- Downstream Station 0+00.00	Station 0+05.00 0+96.86 1+01.86 1+81.75 2B Upstream Station 0+04.00	1.84 1.84 1.84 1.84 Connects to Line ST- Q (cfs)	Pipe Pipe Pipe Pipe Pipe Pipe	Size Box (W x H) Pipe (") 12" 12" 12" At Station Size Box (W x H) Pipe (") 18"	'n" Value 0.013 0.013 0.013 2+18.42 'n" Value 0.013	Design Slope (ft/ft) 0.0135 0.0135 0.0135 0.0135 Junction Type Design Slope (ft/ft) 0.0100	Upstream Junction Type Bend - 45° Bend - 45° Bend - 45° None Wye Upstream Junction Type Size Change	Connect or FL Soffits Soffits Soffits 643.00 Centerlines Connect or FL Soffits	(Auto Calc) 643.61 643.67 643.96 644.01 Dwn HGL (Auto Calc) 643.98	643.63 643.91 643.97 644.23 Up HGL	Jump 643.67 643.96 644.01 644.23 Up HGL w/ Jump 643.98	(Auto Calc) 640.55 640.61 641.85 641.92 Dwn FL (Auto Calc)	640.61 641.85 641.92 643.00 Up FL	2.34 2.34 2.34 2.34 V (fps)	0.09 0.09 0.09 0.09 V ² / _{2g} (ft)	0.0027 0.0027 0.0027 0.0027 Sf	4.14 4.14 4.14 Q _{cap} (cfs)	0.47 0.47 0.47 0.47 D _n (ft)	N/A N/A N/A N/A D _p (ft)	N/A N/A N/A N/A V _P (fps)	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A Partial Station N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A
	0+00.00 0+05.00 0+96.86 1+01.86 Line ST- Downstream Station 0+00.00 0+04.00	Station 0+05.00 0+96.86 1+01.86 1+81.75 2B Upstream Station 0+04.00 0+13.08	1.84 1.84 1.84 1.84 Connects to Line ST- Q (cfs) 2.59 2.59 Connects to	Pipe Pipe Pipe Pipe Pipe Pipe	Size Box (W x H) Pipe (") 12" 12" 12" At Station Size Box (W x H) Pipe (") 18" 12"	'n" Value 0.013 0.013 0.013 2+18.42 'n" Value 0.013 0.013	Design Slope (ft/ft) 0.0135 0.0135 0.0135 0.0135 Junction Type Design Slope (ft/ft) 0.0100 0.0100	Upstream Junction Type Bend - 45° Bend - 45° Bend - 45° None Wye Upstream Junction Type Size Change Inlet	Connect or FL Soffits Soffits Soffits 643.00 Centerlines Connect or FL Soffits 642.00	(Auto Calc) 643.61 643.67 643.96 644.01 Dwn HGL (Auto Calc) 643.98	643.63 643.91 643.97 644.23 Up HGL	Jump 643.67 643.96 644.01 644.23 Up HGL w/ Jump 643.98	(Auto Calc) 640.55 640.61 641.85 641.92 Dwn FL (Auto Calc)	640.61 641.85 641.92 643.00 Up FL	2.34 2.34 2.34 2.34 V (fps)	0.09 0.09 0.09 0.09 V ² / _{2g} (ft)	0.0027 0.0027 0.0027 0.0027 Sf	4.14 4.14 4.14 Q _{cap} (cfs)	0.47 0.47 0.47 0.47 D _n (ft)	N/A N/A N/A N/A D _p (ft)	N/A N/A N/A N/A V _P (fps)	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A Partial Station N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A
	0+00.00 0+05.00 0+96.86 1+01.86 Line ST- Downstream Station 0+00.00 0+04.00 Line ST- Downstream	Station 0+05.00 0+96.86 1+01.86 1+81.75 2B Upstream Station 0+04.00 0+13.08 2C Upstream	1.84 1.84 1.84 1.84 Connects to Line ST- Q (cfs) 2.59 2.59 Connects to Line ST-	Pipe Pipe Pipe Pipe Pipe 2 Pipe Type Pipe Pipe 2	Size Box (W x H) Pipe (") 12" 12" 12" 12" At Station Size Box (W x H) Pipe (") 18" 12" At Station	'n" Value 0.013 0.013 0.013 2+18.42 'n" Value 0.013 0.013 2+31.41	Design Slope (ft/ft) 0.0135 0.0135 0.0135 0.0135 Junction Type Design Slope (ft/ft) 0.0100 0.0100 Junction Type Design Slope (ft/ft)	Upstream Junction Type Bend - 45° Bend - 45° Bend - 45° None Wye Upstream Junction Type Size Change Inlet Wye Upstream Junction	Connect or FL Soffits Soffits Soffits 643.00 Centerlines Connect or FL Soffits 642.00 Centerlines	(Auto Calc) 643.61 643.67 643.96 644.01 Dwn HGL (Auto Calc) 643.98 643.98	643.63 643.91 643.97 644.23 Up HGL 643.98 644.03	Jump 643.67 643.96 644.01 644.23 Up HGL w/ Jump 643.98 644.28 Up HGL w/	640.55 640.61 641.85 641.92 Dwn FL (Auto Calc) 641.37 641.91	640.61 641.85 641.92 643.00 Up FL 641.41 642.01	2.34 2.34 2.34 2.34 V (fps) 1.47 3.30	0.09 0.09 0.09 0.09 V ² / _{2g} (ft) 0.03 0.17	0.0027 0.0027 0.0027 0.0027 Sf 0.0006 0.0053	4.14 4.14 4.14 4.15 Q _{cap} (cfs) 10.50 3.56	0.47 0.47 0.47 0.47 D _n (ft) 0.51 0.63	N/A N/A N/A N/A D _p (ft)	N/A N/A N/A N/A V _P (fps)	N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A Partial Station N/A N/A Partial	Partial Elevation N/A N/A N/A N/A Partial Elevation N/A N/A Partial
• ·	0+00.00 0+05.00 0+96.86 1+01.86 Line ST- Downstream Station 0+00.00 0+04.00 Line ST- Downstream Station	Station 0+05.00 0+96.86 1+01.86 1+81.75 2B Upstream Station 0+04.00 0+13.08 2C Upstream Station	1.84 1.84 1.84 1.84 Connects to Line ST- Q (cfs) 2.59 2.59 Connects to Line ST-	Pipe Pipe Pipe Pipe Pipe 2 Pipe Type Pipe Pipe Pipe	Size Box (W x H) Pipe (") 12" 12" 12" At Station Size Box (W x H) Pipe (") At Station Size Box (W x H) Pipe (")	'n" Value 0.013 0.013 0.013 2+18.42 'n" Value 0.013 0.013 2+31.41 'n" Value	Design Slope (ft/ft) 0.0135 0.0135 0.0135 0.0135 Junction Type Design Slope (ft/ft) 0.0100 0.0100 Junction Type Design Slope (ft/ft)	Upstream Junction Type Bend - 45° Bend - 45° Bend - 45° None Wye Upstream Junction Type Size Change Inlet Wye Upstream Junction Type	Connect or FL Soffits Soffits 643.00 Centerlines Connect or FL Soffits 642.00 Centerlines Connect or FL	(Auto Calc) 643.61 643.67 643.96 644.01 Dwn HGL (Auto Calc) 643.98 643.98 Dwn HGL (Auto Calc)	643.63 643.91 643.97 644.23 Up HGL 643.98 644.03	Jump 643.67 643.96 644.01 644.23 Up HGL w/ Jump 643.98 644.28 Up HGL w/ Jump	(Auto Calc) 640.55 640.61 641.85 641.92 Dwn FL (Auto Calc) 641.37 641.91 Dwn FL (Auto Calc)	640.61 641.85 641.92 643.00 Up FL 641.41 642.01	2.34 2.34 2.34 2.34 V (fps)	0.09 0.09 0.09 0.09 V ² / _{2g} (ft) 0.03 0.17 V ² / _{2g} (ft)	0.0027 0.0027 0.0027 0.0027 \$f 0.0006 0.0053	4.14 4.14 4.14 Qcap (cfs) 10.50 3.56 Qcap (cfs)	0.47 0.47 0.47 0.47 D _n (ft) 0.51 0.63 D _n (ft)	N/A N/A N/A N/A D _p (ft) D _p (ft)	N/A N/A N/A N/A V _P (fps) N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A Partial Station N/A N/A Station	Partial Elevation N/A N/A N/A N/A Partial Elevation Partial Elevation

RECORD DRAWING

THE SIGNED AND SEALED CONSTRUCTION DOCUMENT HAS BEEN REVISED TO REFLECT CONSTRUCTION RECORDS MAINTAINED AND PROVIDED BY THE CONTRACTOR FOR THIS PROJECT. THE INFORMATION SHOWN ON THIS RECORD DRAWING, WHICH WAS PROVIDED BY THE CONTRACTOR, OR OTHERS NOT ASSOCIATED WITH THE DESIGN ENGINEER, CANNOT BE VERIFIED FOR ACCURACY OR COMPLETENESS. PACHECO KOCH SHALL ASSUME NO LIABILITY FOR ANY CHANGES MADE DURING CONSTRUCTION THAT WERE NOT SPECIFICALLY APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. THE SEALED CONSTRUCTION DRAWINGS ARE ON FILE AT THE OFFICES OF PACHECO KOCH.

ENGINEER OF RECORD: CODY R. RISINGER, PE # 123160 CONTRACTOR: STRATEGIC CONSTRUCTION DATE REVISED: 11/10/2020

11/10/2020 RECORD DRAWINGS NO. DATE REVISION Pacheco Koch

The state of the **HYDRAULIC CALCULATIONS OFFICE BUILDING 4595 EXCEL PARKWAY** 0.978 ACRE TRACT TOWN OF ADDISON, DALLAS COUNTY, TEXAS DESIGN DRAWN DATE SCALE NOTES FEB 1"=20' 2020 V:1"=5'

CBA