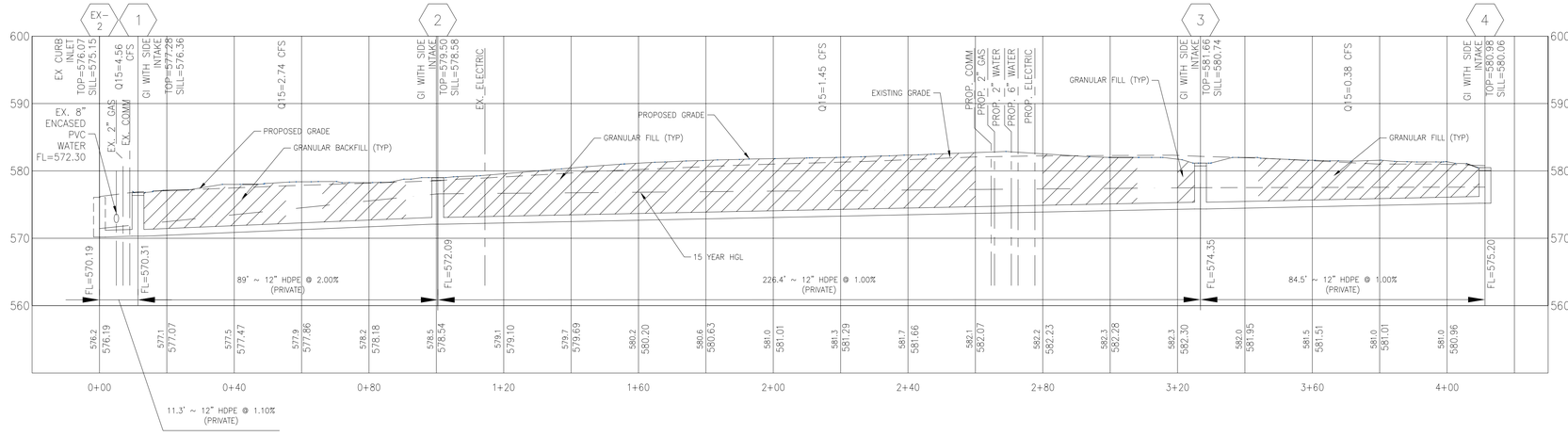

Label	Diameter (in)	Length (Unified) (ft)	Manning's n	Bend Angle (Calculated) (degrees)	Slope (Calculated) (ft/ft)	Flow (cfs)	Capacity (Excess Full Flow) (cfs)	Capacity (Full Flow) (cfs)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Stop Node	Invert (Stop) (ft)	Elevation Ground (Stop) (ft)	Hydraulic Grade Line (Out) (ft)	Start Node	Invert (Start) (ft)	Elevation Ground (Start) (ft)	Hydraulic Grade Line (In) (ft)	Freeboard
4-3	12	84.5	0.013	77.89	0.01	0.38	3.19	3.57	0.48	0.48	3	574.35	580.68	577.52	4	575.2	580.06	577.53	2.53
3-2	12	226.4	0.013	18.81	0.01	1.45	2.11	3.56	1.85	1.85	2	572.09	578.58	576.61	3	574.35	580.68	576.98	3.7
2-1	12	89	0.013	79.44	0.02	2.74	2.3	5.04	3.49	3.49	1	570.31	576.36	575.23	2	572.09	578.58	575.76	2.82
1 - EX 2	12	11.3	0.013	10.49	0.011	4.56	-0.9	3.66	5.81	5.81	EX CB-2	570.19	575.15	571.26	1	570.31	576.36	571.44	4.92
EX 2 - EX 1	18	34	0.013	0	0.01	5.12	5.38	10.5	4.81	5.83	EX CB-1	569.85	575.15	570.6	EX CB-2	570.19	575.15	571.06	4.09

1 STORM SEWER PROFILE
SCALE: 1"=10' VERT. 1"=20' HORIZ. REF. DWG. C6.0

DEVELOPER/OWNER:
BARRON SWIM SCHOOL
11158 LINDBERGH BUSINESS CT.
ST. LOUIS, MO 63123

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STATE OF MISSOURI ALISON MARIE GAUCH NUMBER PE-2010028831 PROFESSIONAL ENGINEER

CIVIL ENGINEERS CORPORATE ENGINEERING CERTIFICATE #001165

ALISON MARIE GAUCH
CIVIL ENGINEER
PE NO. E-2010028831
06/14/2021

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