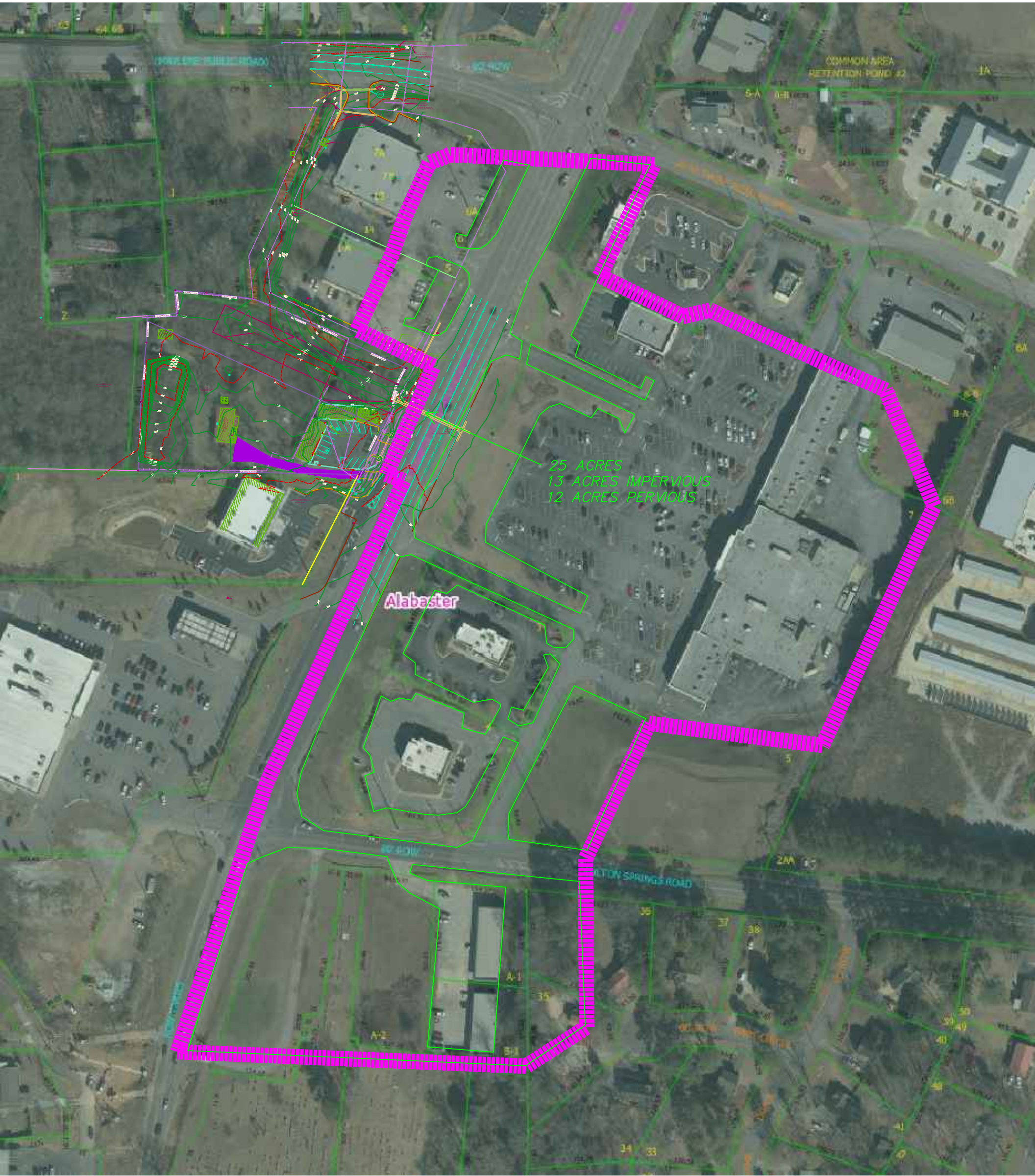
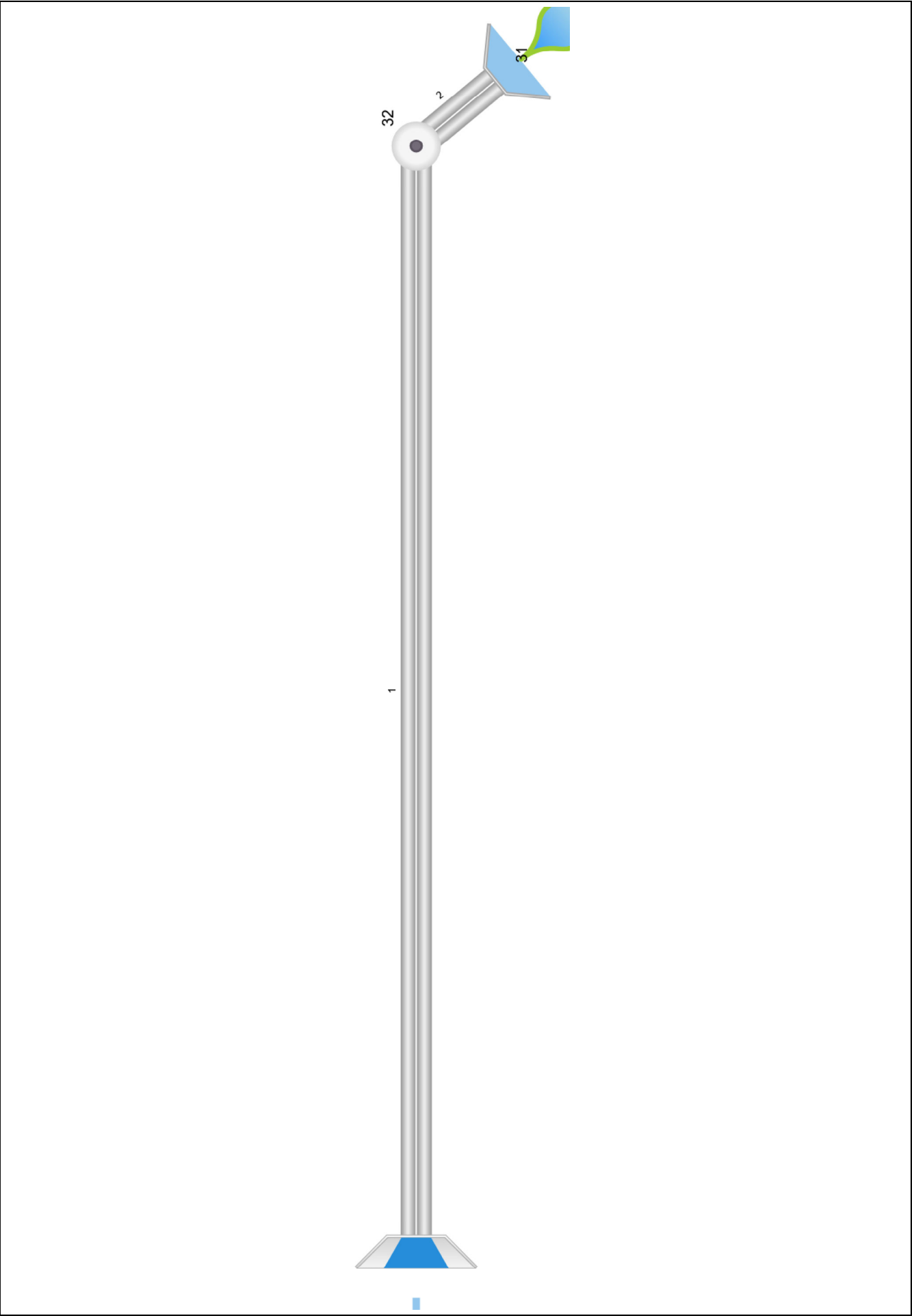




Plan View

Stormwater Studio 2023 v 3.0.0.32

Project Name: Enter Project Name...
12-21-2023

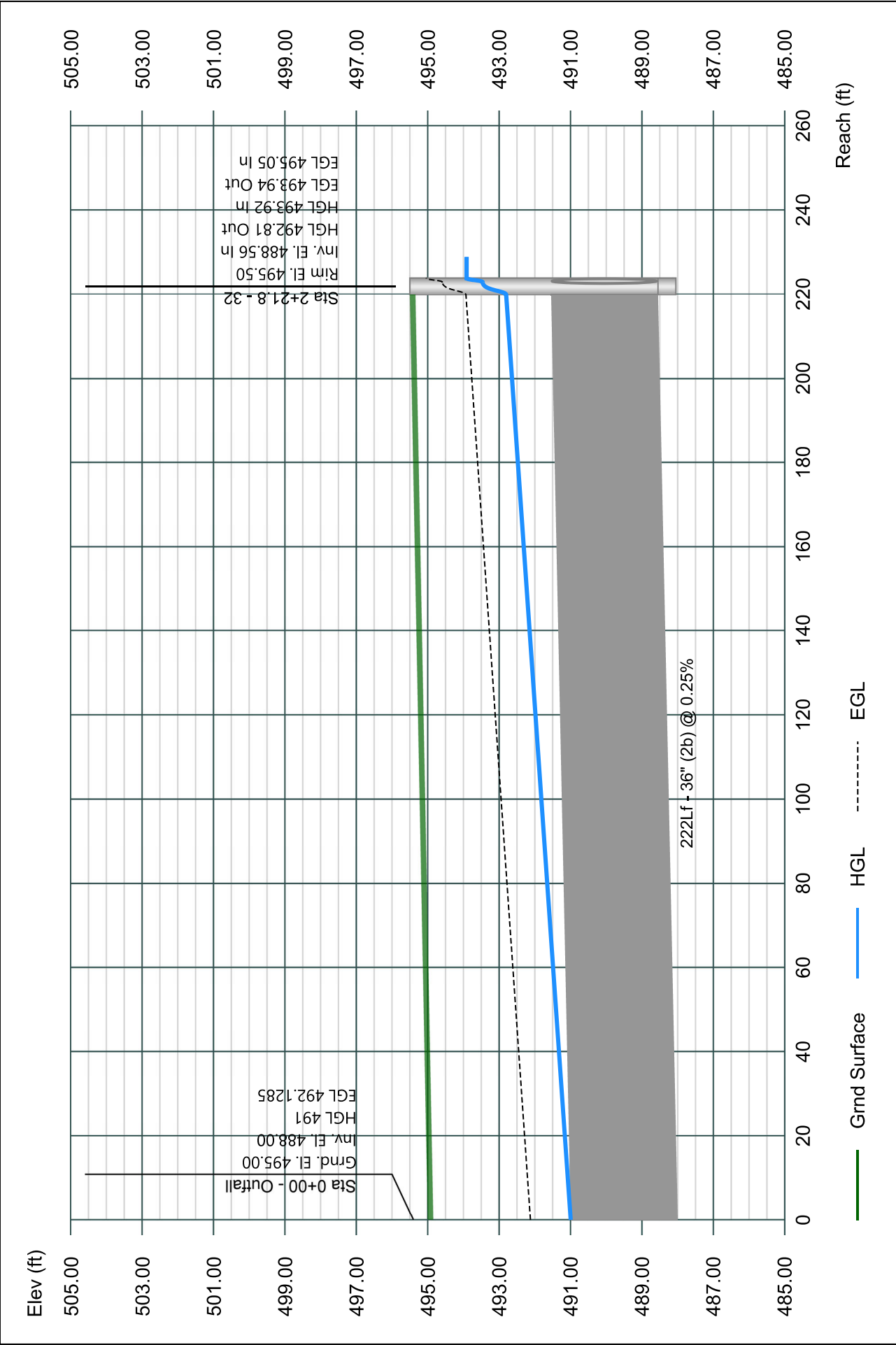


Line 1 - 32-33

Stormwater Studio 2023 v 3.0.0.32

Project Name: Enter Project Name...

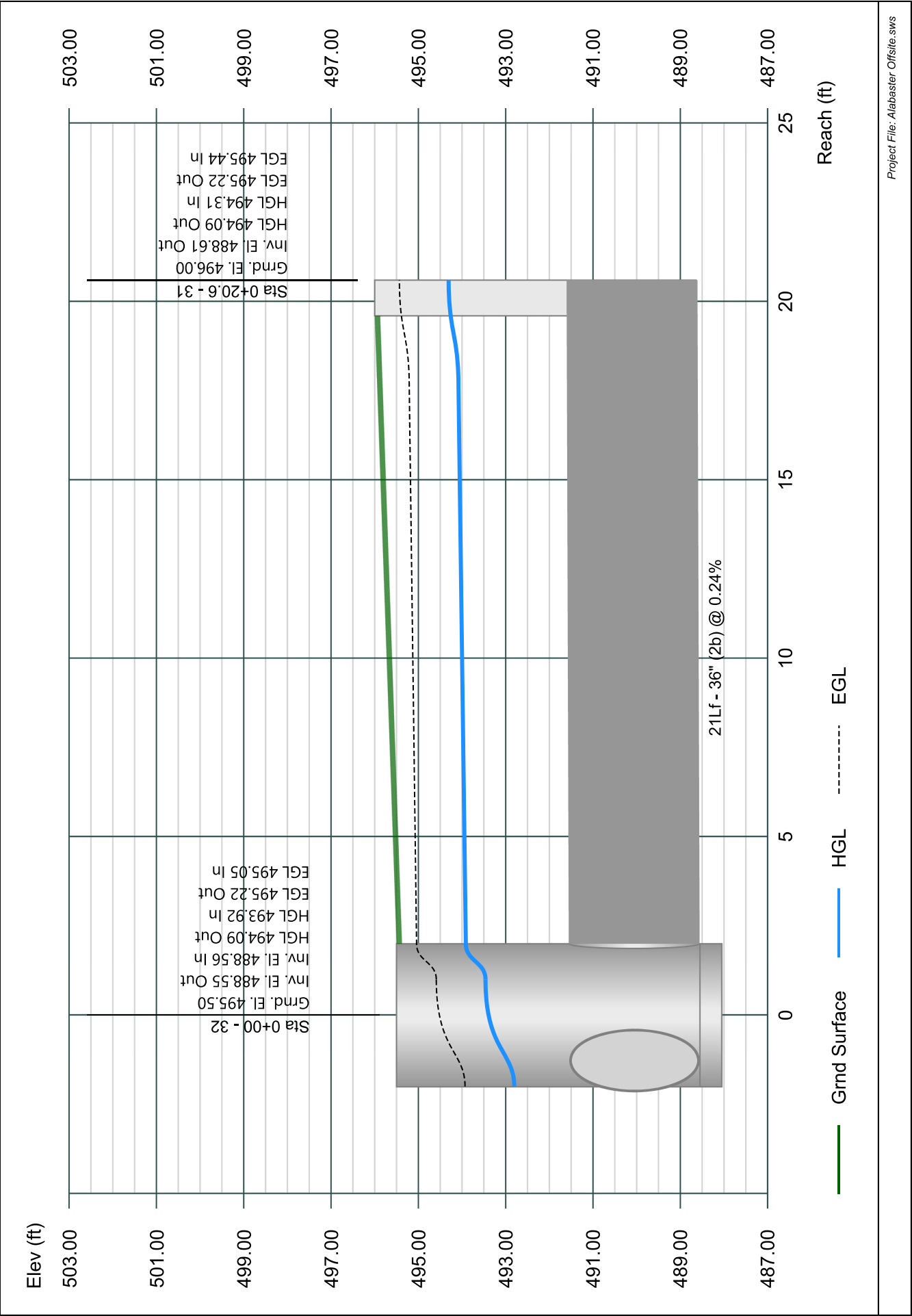
12-21-2023



Line 2 - 31-32

Stormwater Studio 2023 v 3.0.0.32

Project Name: Enter Project Name...
12-21-2023



Storm Sewer Tabulation

Stormwater Studio 2023 v 3.0.0.32

Project Name: Enter Project Name...

12-21-2023

Line ID	Length (ft)	Drng Area		Rational (C)	C x A		Tc		Intensity (in/hr)	Total Q (cfs)	Capacity (cfs)	Velocity (ft/s)	Line		Invert Elev		HGL Elev		Surface Elev		Line No
		Incr (ac)	Total (ac)		Incr	Total	Inlet (min)	Syst (min)					Size (in)	Slope (%)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	
32-33	221.80	0.000	25.000	0.00	0.00	25.00	0.0	30.04	4.82	120.42	66.42	8.52	36 (2b)	0.25	488.55	488.00	492.81	491.00	495.50	495.00	1
31-32	20.60	25.000	25.000	81.08	25.00'	25.00	30.0	30.00	4.82	120.50	65.71	8.52	36 (2b)	0.24	488.61	488.56	494.09	493.92	496.00	495.50	2

Notes: IDF File = Alabaster IDF.idf, Return Period = 25-yrs.

Project File: Alabaster Offsite.sws

Composite C Worksheet

Project Name: Enter Project Name...

Stormwater Studio 2023 v 3.0.0.32

12-21-2023

Line No	Description	Drainage Area (ac)	Runoff Coeff (C)	C x A	Composite (C)	Structure ID
2	per	12.000	66.00	792.000		31
	imp	13.000	95.00	1235.000		
	Totals	25.000		2027.000	81.08	

Energy Grade Line Calculations

Stormwater Studio 2023 v 3.0.0.32

Project Name: Enter Project Name...

12-21-2023

Line No	Line Size (in)	Q (cfs)	Downstream							Length (ft)	Upstream							Pipe		Junction		
			Invert Elev (ft)	Depth (ft)	Area (sqft)	HGL Elev (ft)	Vel (ft/s)	Vel Head (ft)	EGL Elev (ft)		Invert Elev (ft)	Depth (ft)	Area (sqft)	HGL Elev (ft)	Vel (ft/s)	Vel Head (ft)	EGL Elev (ft)	n Value	Enrgy Loss (ft)	HGLa Elev (ft)	EGLa Elev (ft)	Enrgy Loss (ft)
1	36 (2b)	120.42	488.00	3.00 ³	14.13	491.00	8.52	1.13	492.13	221.80	488.55	3.00	14.14	492.81	8.52	1.13	493.94	0.013	1.808	493.47	494.60	0.66
2	36 (2b)	120.50	488.56	3.00 ³	14.13	493.92	8.53	1.13	495.05	20.60	488.61	3.00	14.14	494.09	8.52	1.13	495.22	0.013	0.168	494.31	495.44	0.23

Notes: Return Period = 25-yrs. ³ Normal depth.

Project File: Alabaster Offsite.sws