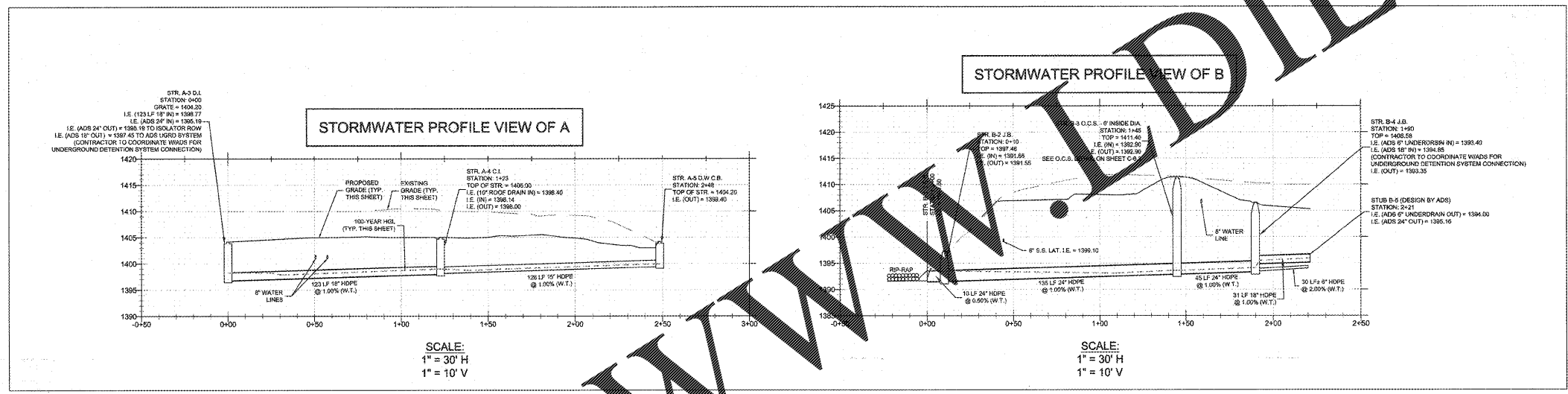


PIPE CHART BASED ON 25-YEAR STORM \*\*\*

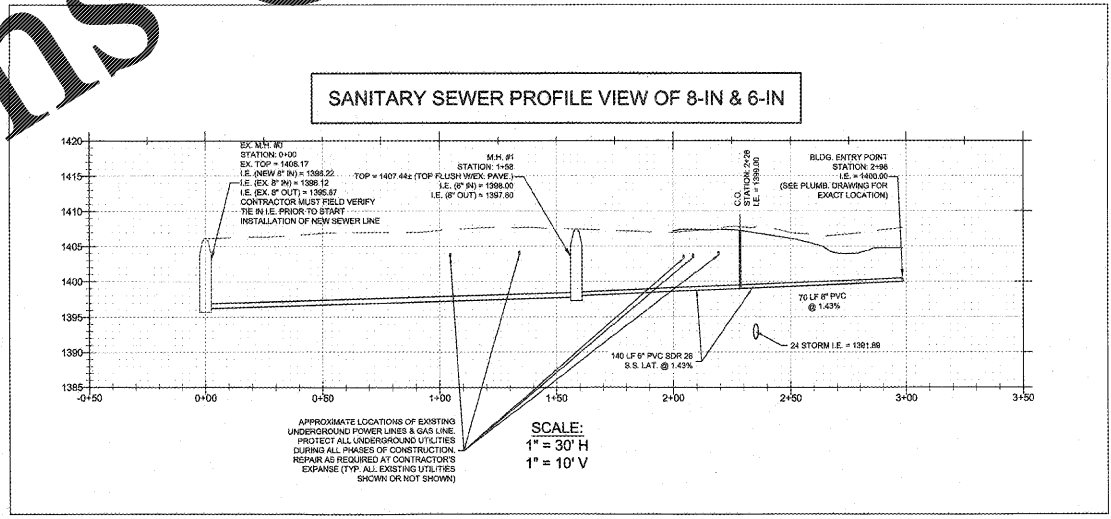
Line	To Line	Line Length (ft)	Incr. Area (sq ft)	Total Area (sq ft)	Runoff Coeff. (C)	Incr C x A	Total C x A	Inlet Time (min)	Time Conc. (min)	Rain Int (in/hr)	Total Runoff (cfs)	Adm Flow (cfs)	Total Flow (cfs)	Capac Full (cfs)	Veloc (ft/s)	Pipe Size (in)	Pipe Slope (ft/ft)	Invert Elev (ft)	Inv Elev Up (ft)	HSL Dn (ft)	HSL Up (ft)	Grnd/Rim Dn (ft)	Grnd/Rim Up (ft)	Line ID
1	Outfall	122.642	0.18	0.38	0.95	0.17	0.36	5	6.6	7.7	2.8	3"	5.8	11.39	4.16	18	1	1296.77	1298	1298.27	1298.93	1404.2	1405	A-3 TO A-4
2	1	125.686	0.2	0.2	0.95	0.19	0.19	5	5	8.2	1.57	0	1.57	7	2.89	15	1	1296.14	1299.4	1299.59	1299.9	1402	1404.2	A-4 TO A-5
3	Outfall	30	0	0	0.95	0	0	5	7.8	0	0	0	4	12.33	1.28	24	0.5	1291.5	1291.55	1291.5	1291.5	1394.63	1397	B-1 TO B-2
4	3	135	0	0	0.95	0	0	5	5.8	0	0	0	4	12.33	1.28	24	1	1291.55	1292.3	1292.3	1291.5	1397	1411.4	B-2 TO B-3
5	4	45	0	0	0.95	0	0	5	5.2	0	0	0	4	24.5	4.08	24	1	1292.3	1293.35	1293.4	1291.5	1411.4	1404.52	B-3 TO B-4
6	5	31	0	0	0.95	0	0	5	5	0	0	4**	4	11.88	3.14	18	1	1294.85	1295.38	1295.46	1295.93	1406.53	1396.66	B-4 TO B-5

NOTES:  
 \* ESTIMATED 100-YEAR FLOW FROM ROOF & CANOPY AREAS  
 \*\* ESTIMATED MAX. FLOW FROM ADS UNDERGROUND DETENTION SYSTEM PER ADS. SEE C-4.6 FOR DETAILED INFORMATION.  
 \*\*\* PIPE CHART IS FOR DESIGN REVIEW PURPOSES ONLY. CONTRACTOR SHALL REFER TO THE GRADING PLAN AND STORM SEWER PROFILES FOR CONSTRUCTION

STORM SEWER PIPE CHART



STORM SEWER PROFILES



SANITARY SEWER PROFILE

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(Facility No. 642-0193)  
 Dawson County College and Career Academy  
 Dawsonville, Georgia  
 FOR: Dawson County Schools  
 Overall Squarefootage = 35,800 SF  
 FTE = 165  
 10/18 = 74 (Existing) + 11 (New) = 85 IU

REVISIONS


STORM SEWER PIPE CHART & PIPE PROFILES

DATE: 05-07-2018  
 PROJECT NUMBER: 17-303  
 C - 5