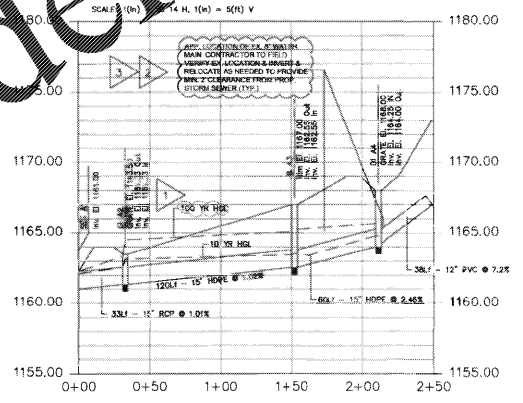
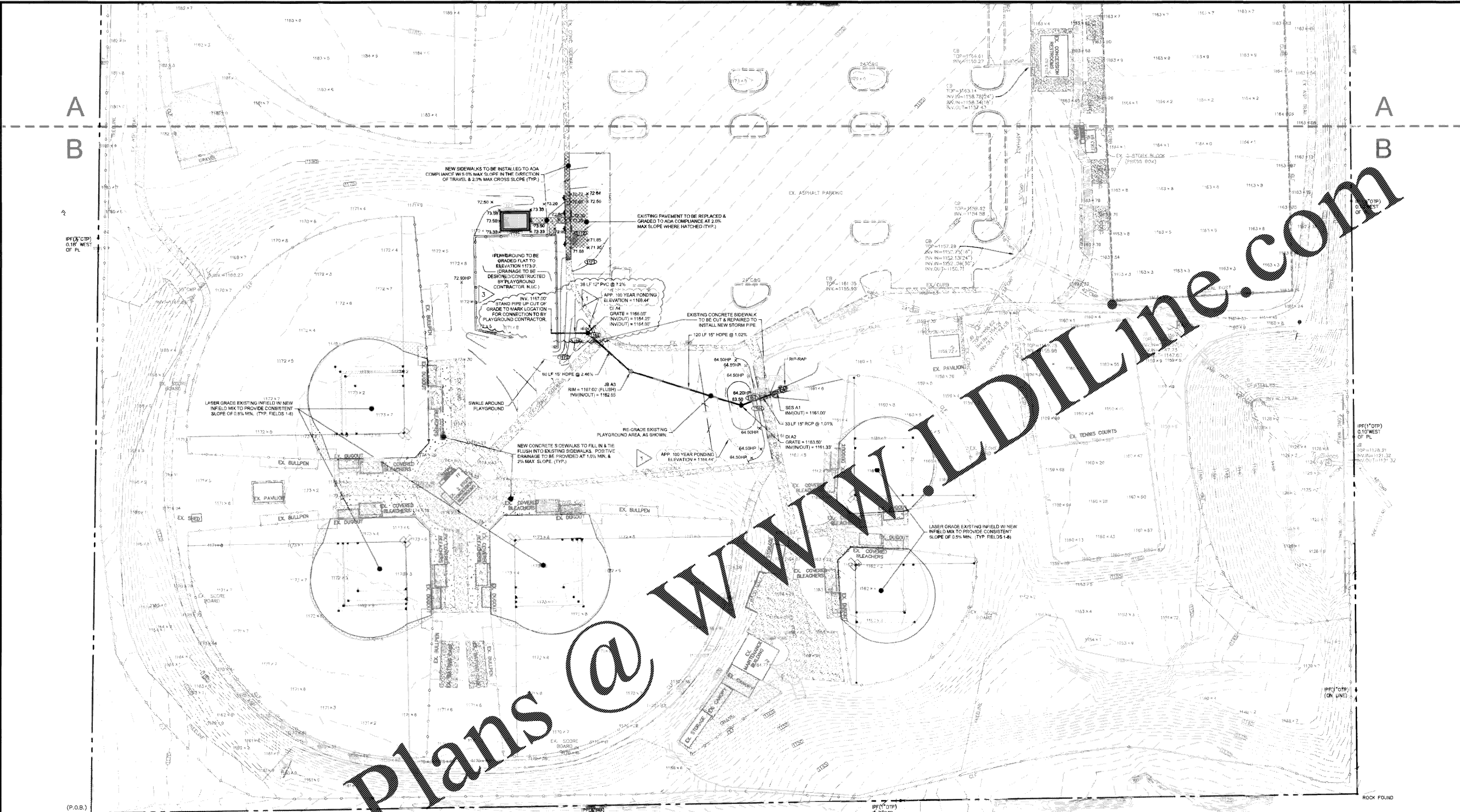


Order Plans @

WWW.LDILLINE.COM

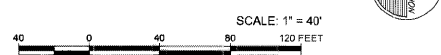


NOTIFY FORSYTH COUNTY INSPECTOR 24 HOURS BEFORE THE BEGINNING PHASE OF CONSTRUCTION. (770) 781-2165.

10 YEAR PIPE CALCULATIONS																							
Line	Length	Incr Area	Total Area	Runoff Coeff	Incr C x A	Total C x A	Inlet Time	Time Conc	Rainfall	Total Runoff	Adm Flow	Total Flow	Capac Full	Veloc	Pipe Size	Pipe Slope	Inv Elev Dn	Inv Elev Up	HGL Dn	HGL Up	Gnd/Rim Dn	Gnd/Rim Up	Line ID
Outfall	33	0.75	1.46	0.64	0.48	0.93	2	3.0	8.0	7.51	0	7.51	6.48	6.37	15	1.01	1161.00	1161.33	1162.09	1162.57	1162.25	1163.50	A1-2
1	119	0	0.71	0	0.45	0	2.3	8.0	3.65	0	3.65	7.07	3.45	15	1.02	1161.33	1162.55	1163.15	1163.44	1163.50	1167.00	A2-3	
2	59	0.71	0.71	0.64	0.45	0.45	2	2.0	8.0	3.65	0	3.65	10.96	4.03	15	2.46	1162.55	1164.00	1163.55	1164.77	1167.00	1168.00	A3-4

25 YEAR PIPE CALCULATIONS																							
Line	Length	Incr Area	Total Area	Runoff Coeff	Incr C x A	Total C x A	Inlet Time	Time Conc	Rainfall	Total Runoff	Adm Flow	Total Flow	Capac Full	Veloc	Pipe Size	Pipe Slope	Inv Elev Dn	Inv Elev Up	HGL Dn	HGL Up	Gnd/Rim Dn	Gnd/Rim Up	Line ID
Outfall	33	0.75	1.46	0.64	0.48	0.93	2	2.8	9.5	8.92	0	8.92	6.48	7.31	15	1.01	1161.00	1161.33	1162.21	1162.81	1162.25	1163.50	A1-2
1	119	0	0.71	0	0.45	0	2.3	9.5	4.34	0	4.34	7.07	3.54	15	1.02	1161.33	1162.55	1163.69	1164.09	1163.50	1167.00	A2-3	
2	59	0.71	0.71	0.64	0.45	0.45	2	2.0	9.5	4.34	0	4.34	10.96	4.23	15	2.46	1162.55	1164.00	1164.18	1164.84	1167.00	1168.00	A3-4

MATCHLINE 'B' GRADING PLAN



ROBERSON LOJA ROOF ARCHITECTS & ENGINEERS
 3460 Preston Ridge Road - Suite 275 - Alpharetta, GA 30005
 770.674.2600 - www.rlrc.com



SAWNEE MOUNTAIN PARK IMPROVEMENTS
 3995 WATSON ROAD, CUMMING, GEORGIA 30028
 FOR
FORSYTH COUNTY PARKS & RECREATION
 P.O. BOX 2417, CUMMING, GEORGIA 30028

NO.	DATE	DESCRIPTION
1	10-27-2020	COUNTY COMMENTS
2	11-19-2020	COUNTY COMMENTS
3	12-01-2020	COUNTY COMMENTS

MATCHLINE 'B' GRADING PLAN

DATE: 09/09/2020

PROJECT NUMBER: 19323

SHEET NUMBER: C-2B