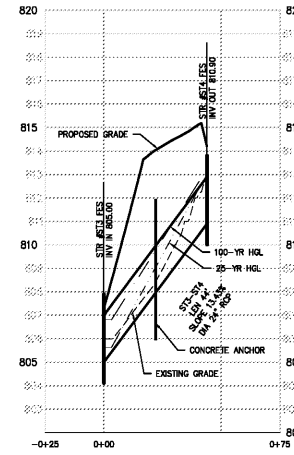
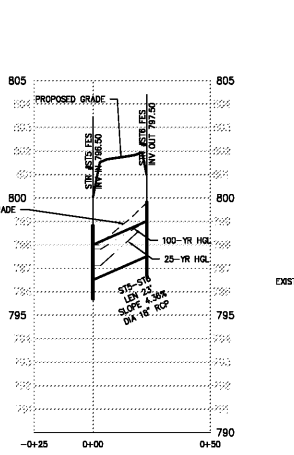


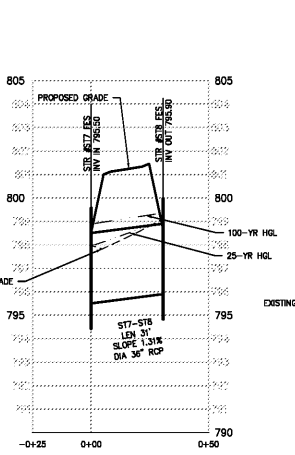
ST1 TO ST2
scale: 1"=30' horizontal
1"=3' vertical



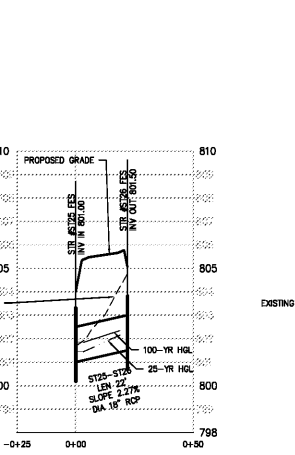
ST3 TO ST4
scale: 1"=30' horizontal
1"=3' vertical



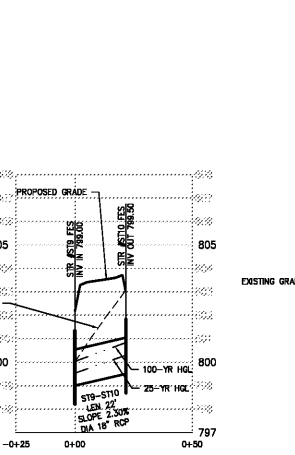
ST5 TO ST6
scale: 1"=30' horizontal
1"=3' vertical



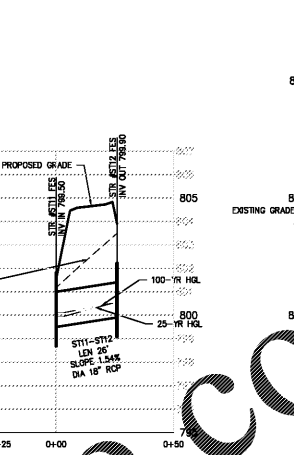
ST7 TO ST8
scale: 1"=30' horizontal
1"=3' vertical



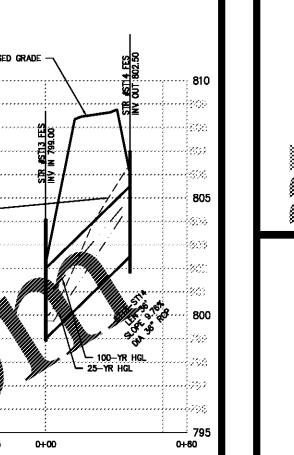
ST25 TO ST26
scale: 1"=30' horizontal
1"=3' vertical



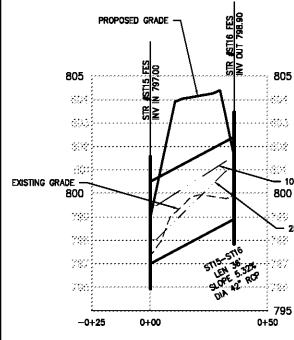
ST9 TO ST10
scale: 1"=30' horizontal
1"=3' vertical



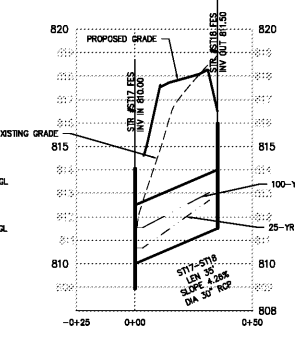
ST11 TO ST12
scale: 1"=30' horizontal
1"=3' vertical



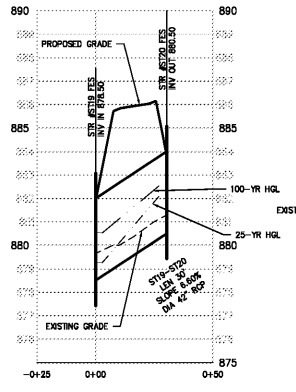
ST13 TO ST14
scale: 1"=30' horizontal
1"=3' vertical



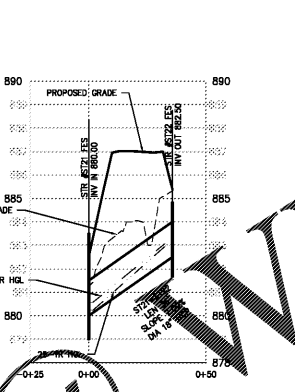
ST15 TO ST16
scale: 1"=30' horizontal
1"=3' vertical



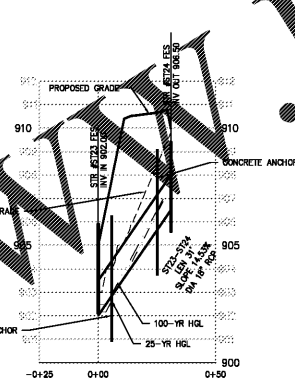
ST17 TO ST18
scale: 1"=30' horizontal
1"=3' vertical



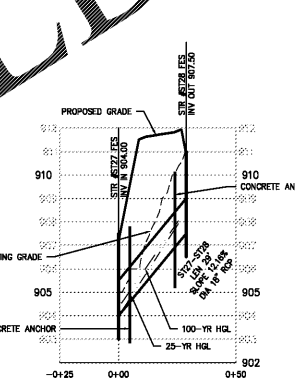
ST19 TO ST20
scale: 1"=30' horizontal
1"=3' vertical



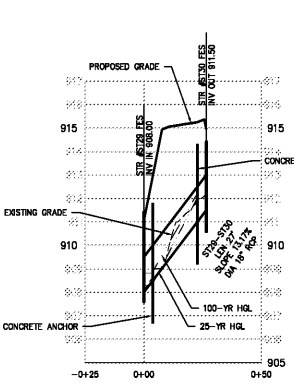
ST21 TO ST22
scale: 1"=30' horizontal
1"=3' vertical



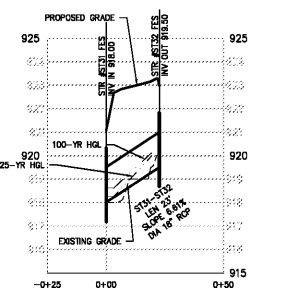
ST23 TO ST24
scale: 1"=30' horizontal
1"=3' vertical



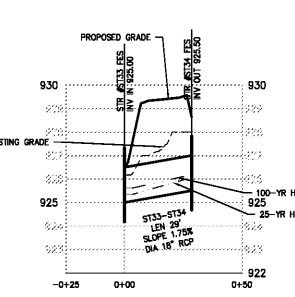
ST27 TO ST28
scale: 1"=30' horizontal
1"=3' vertical



ST29 TO ST30
scale: 1"=30' horizontal
1"=3' vertical



ST31 TO ST32
scale: 1"=30' horizontal
1"=3' vertical



ST33 TO ST34
scale: 1"=30' horizontal
1"=3' vertical

Upstream Structure	Downstream Structure	Pipe Size (in)	Pipe Length (ft)	Pipe Slope (%)	Drainage Area (ac)	Design Discharge (cfs)	Velocity (ft/s)	Curve Number	Pipe Material	Design Frequency
FES ST2	ST1-ST2	18	26.00	9.52%	0.86	3.20	7.89	61	PVC	25 year
FES ST4	ST3-ST4	24	44.00	13.41%	5.82	17.97	14.02	62	RCP	25 year
FES ST6	ST5-ST6	36	23.00	4.36%	2.31	7.91	8.57	62	RCP	25 year
FES ST8	ST7-ST8	36	31.00	1.31%	11.02	38.19	9.19	68	RCP	25 year
FES ST10	ST9-ST10	18	22.00	2.30%	2.15	4.27	6.08	55	RCP	25 year
FES ST12	ST11-ST12	18	39.00	1.54%	1.49	2.50	4.79	55	RCP	25 year
FES ST14	ST13-ST14	36	36.00	9.76%	8.11	28.46	13.70	65	RCP	25 year
FES ST16	ST15-ST16	42	36.00	5.32%	9.56	44.30	15.03	70	RCP	25 year
FES ST18	ST17-ST18	30	25.00	4.26%	5.36	13.26	9.05	60	RCP	25 year
FES ST20	ST19-ST20	42	30.00	6.67%	20.54	76.81	11.81	60	RCP	25 year
FES ST22	ST21-ST22	18	36.00	7.03%	0.99	1.42	5.72	59	RCP	25 year
FES ST24	ST23-ST24	18	21.00	14.53%	0.33	0.99	6.23	57	RCP	25 year
FES ST26	ST25-ST26	18	22.00	2.27%	1.29	2.91	5.41	56	RCP	25 year
FES ST28	ST27-ST28	18	29.00	12.16%	0.53	1.27	6.39	56	RCP	25 year
FES ST30	ST29-ST30	18	27.00	13.17%	1.18	2.87	8.11	55	RCP	25 year
FES ST32	ST31-ST32	18	23.00	6.61%	0.69	1.65	5.90	55	RCP	25 year
FES ST34	ST33-ST34	18	29.00	1.73%	0.70	1.58	4.27	55	RCP	25 year
LID ST36	ST35-ST36	12	20.00	4.95%	0.56	2.93	7.33	77	PVC	25 year
LID ST38	ST37-ST38	12	20.00	5.08%	0.04	0.95	3.88	98	PVC	25 year
FES ST40	ST39-ST40	18	23.00	2.21%	0.06	0.22	2.72	61	RCP	25 year

STORM SEWER PROFILES

GWINNETT COUNTY
Department of Planning and Development
These project documents have been reviewed by applicable County Departments and have been found to be in substantial compliance with the applicable codes and regulations.
Oct 08, 2019
AUTHORIZED
GWINNETT COUNTY CASE # CDP2018-00288

Order Plans

NOTE
CONTRACTOR IS RESPONSIBLE FOR COMPARING THE STORM SEWER PIPE CHARTS WITH THE PROFILES FOR THE STORM AND SEWER LINES AND INFORMING THE ENGINEER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.



GSWCC # 22364
ISS. 05/16/2018
EXP. 05/16/2021

Project Title
LLOYD N. HARRIS TRAIL @ HARBINS PARK
2995 LUKE EDWARDS ROAD
BY: GWINNETT COUNTY DEPT. OF COMMUNITY SERVICES
LAWRENCEVILLE, GEORGIA
5TH DISTRICT, LAND LOT 251, PARCEL ID# R5262 003

REVISIONS	BY

FOR PERMIT ONLY
DRAWN BY: DMN
CHECKED BY: THH
DATE: 09/25/2019
SCALE: 1"=30'
JOB No.: 18-LD-088
SHEET NUMBER: ST-1

User: dmw - Oct 05, 2019 - 4:30pm
 Z:\Full Project\2018\Projects\18-LD-088\Drawings\18-LD-088-MAN.dwg - LXD: ST-1