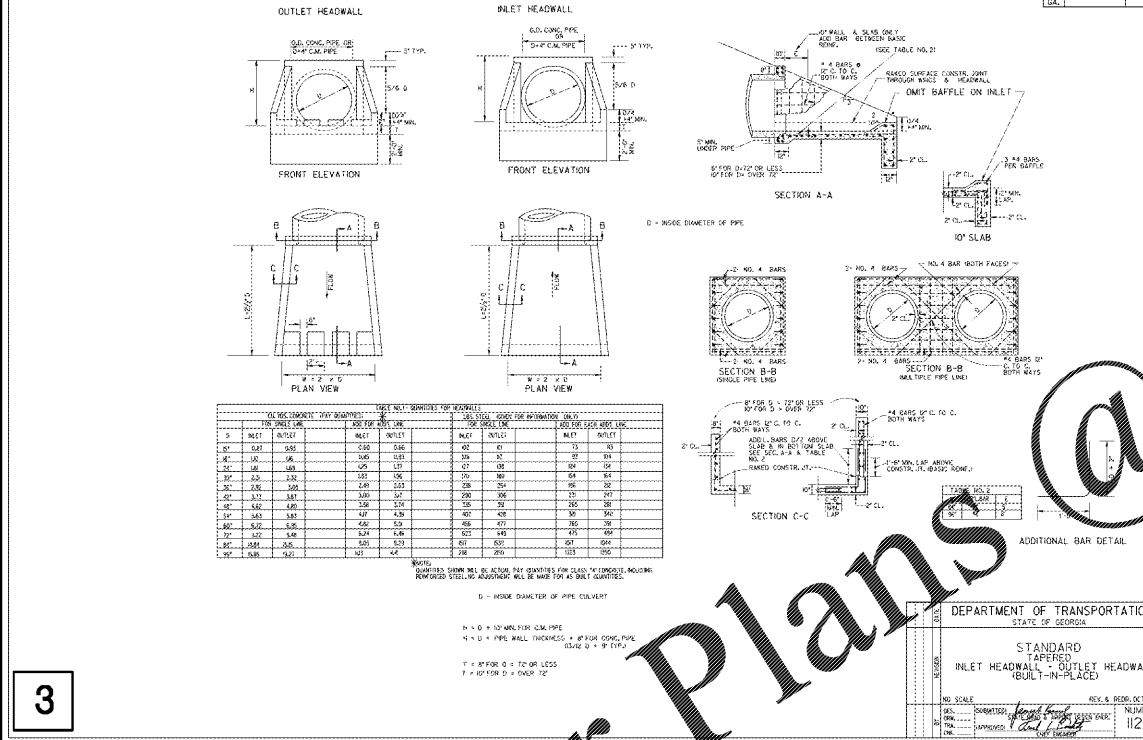
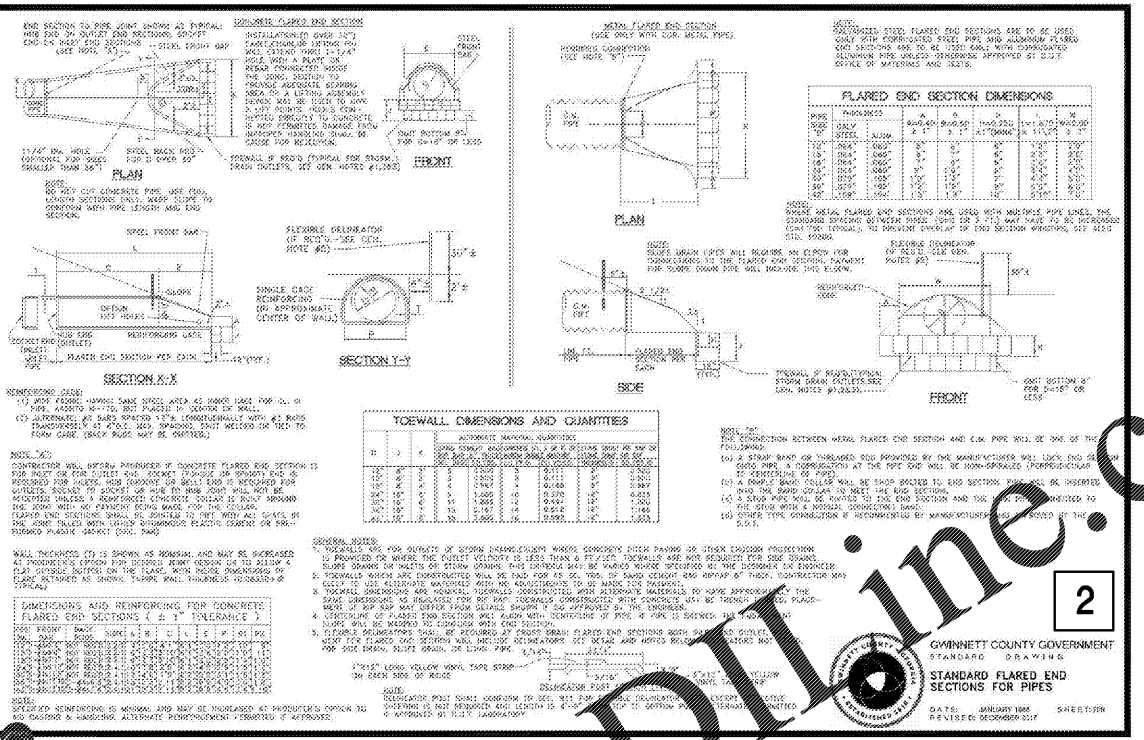


TABLE NO. 1

DEPTH OF TRENCH (ft)	MIN. COVER (ft)	MIN. COVER (in)	MIN. COVER (ft)	MIN. COVER (in)	MIN. COVER (ft)	MIN. COVER (in)
1.0	1.5	18	1.5	18	1.5	18
2.0	2.0	24	2.0	24	2.0	24
3.0	2.5	30	2.5	30	2.5	30
4.0	3.0	36	3.0	36	3.0	36
5.0	3.5	42	3.5	42	3.5	42
6.0	4.0	48	4.0	48	4.0	48
7.0	4.5	54	4.5	54	4.5	54
8.0	5.0	60	5.0	60	5.0	60
9.0	5.5	66	5.5	66	5.5	66
10.0	6.0	72	6.0	72	6.0	72

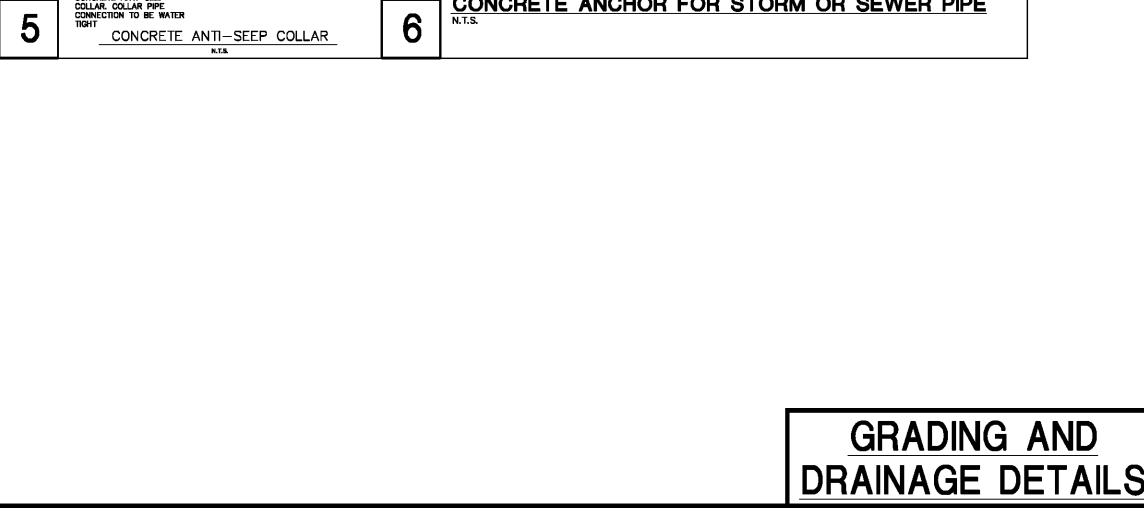
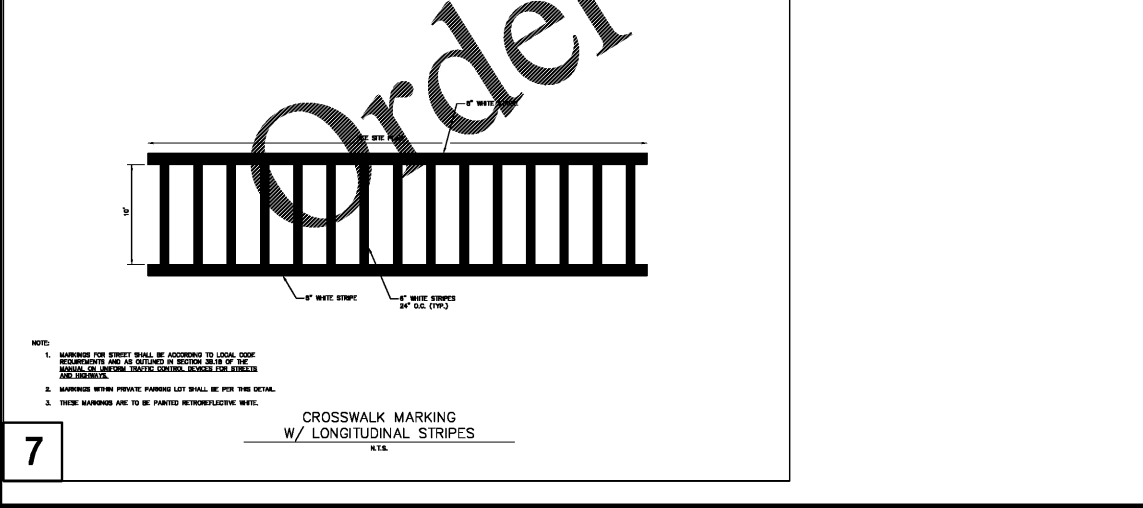
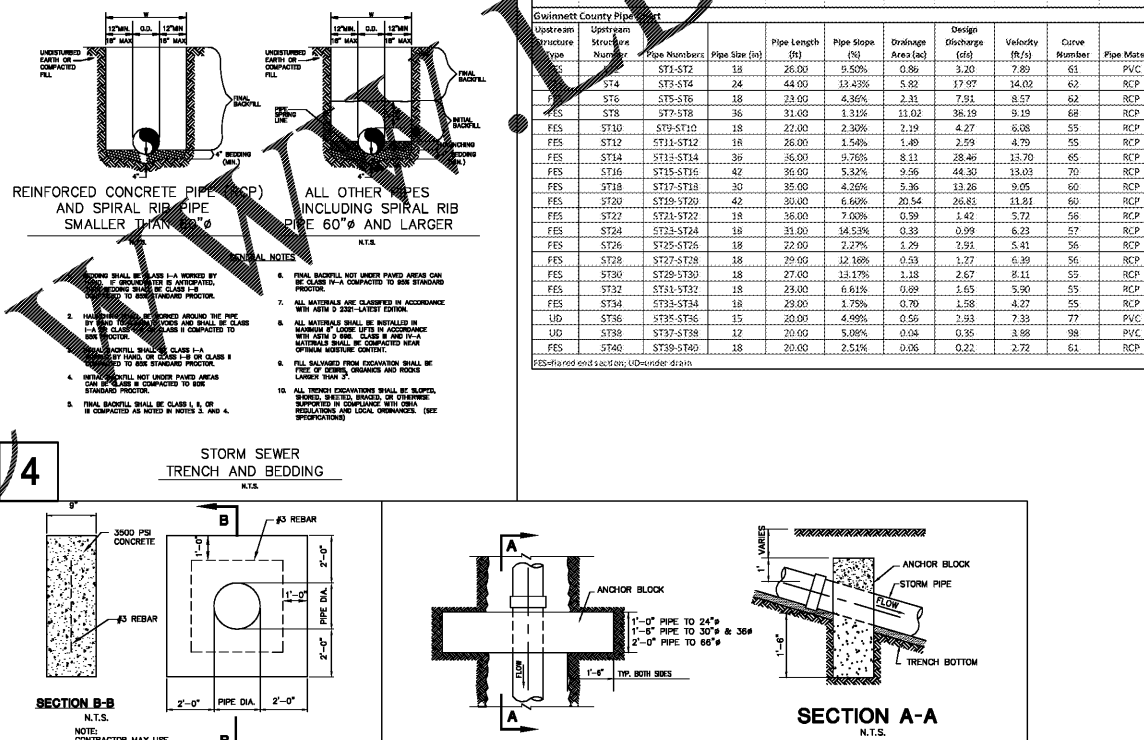
GWINNETT COUNTY GOVERNMENT
STANDARD PIPE CULVERTS - CONCRETE PIPE
 DATE: JANUARY 2008
 REVISED: NOVEMBER 2017



GWINNETT COUNTY GOVERNMENT
STANDARD INLET HEADWALL AND OUTLET HEADWALL (30" TO 72" DIA.)

PIPE SIZE (in)	INLET WIDTH (ft)	INLET HEIGHT (ft)	INLET AREA (sq ft)	INLET PERIMETER (ft)	OUTLET WIDTH (ft)	OUTLET HEIGHT (ft)	OUTLET AREA (sq ft)	OUTLET PERIMETER (ft)
30	3.0	3.0	9.0	12.0	3.0	3.0	9.0	12.0
36	3.6	3.6	12.96	16.56	3.6	3.6	12.96	16.56
42	4.2	4.2	17.64	21.12	4.2	4.2	17.64	21.12
48	4.8	4.8	23.04	26.40	4.8	4.8	23.04	26.40
54	5.4	5.4	29.16	32.40	5.4	5.4	29.16	32.40
60	6.0	6.0	36.00	39.00	6.0	6.0	36.00	39.00
66	6.6	6.6	43.56	46.20	6.6	6.6	43.56	46.20
72	7.2	7.2	51.84	54.00	7.2	7.2	51.84	54.00

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
STANDARD INLET HEADWALL AND OUTLET HEADWALL (30" TO 72" DIA.)
 REVISED: OCTOBER 1999
 NUMBER: 1125



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 # CDP2018-00238

WOLVERTON
 Engineering Solutions, Inc. • Dublin, Georgia 30097
 www.wolverton.com

REGISTERED PROFESSIONAL ENGINEER
 STATE OF GEORGIA
 No. 30418
 EXPIRES 12/31/2024

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# R5282 003

NO.	REVISIONS	BY

FOR PERMIT ONLY

DRAWN BY DMN
CHECKED BY THH
DATE 09/25/2019
SCALE NO SCALE
JOB NO. 18-LD-088
SHEET NUMBER D-2A

18-LD-088 DETAILS_E.DWG