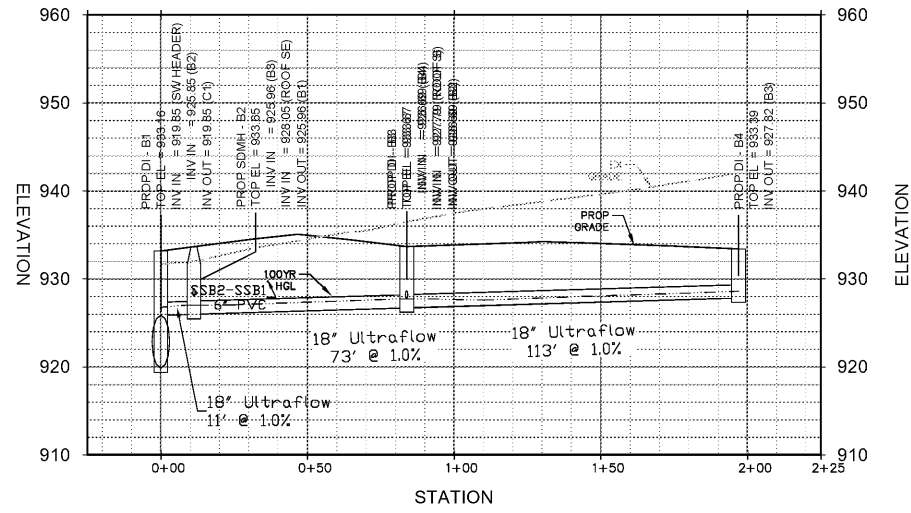
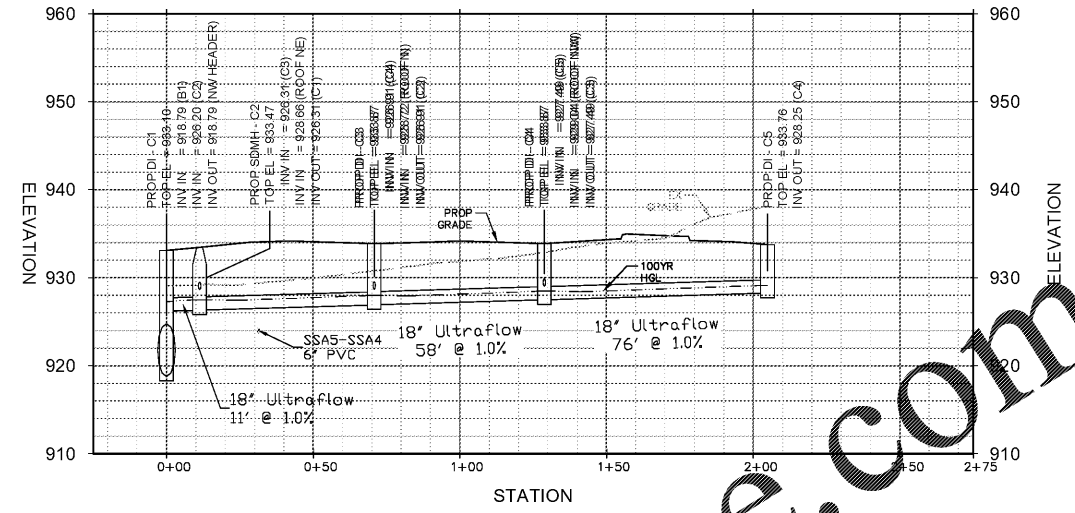


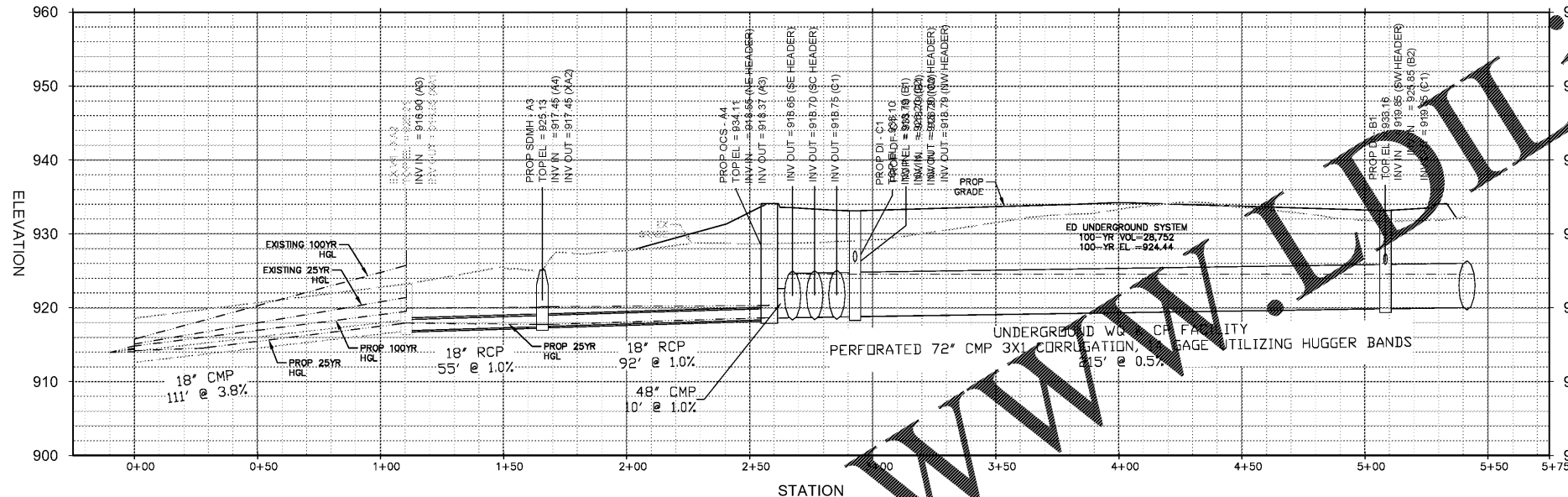
PROFILE OF B LINE
VERT. SCALE 1"= 10'
HORIZ. SCALE 1"= 30'



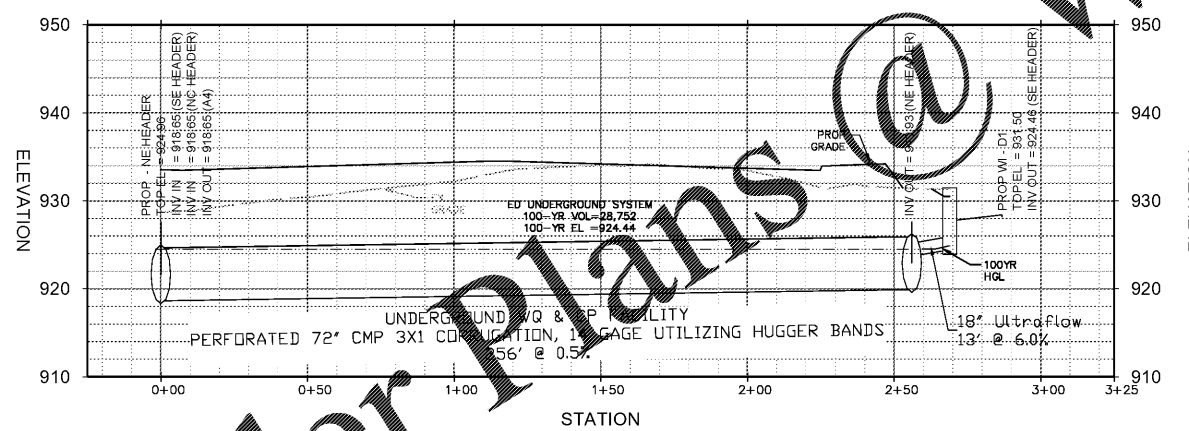
PROFILE OF C LINE
VERT. SCALE 1"= 10'
HORIZ. SCALE 1"= 30'



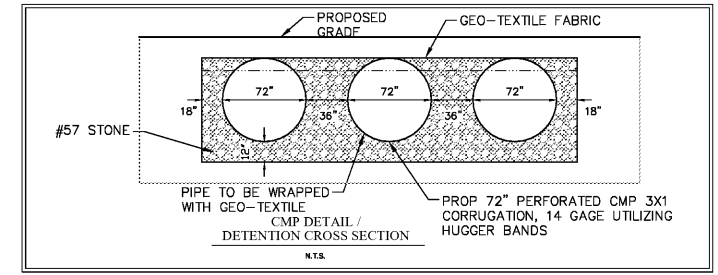
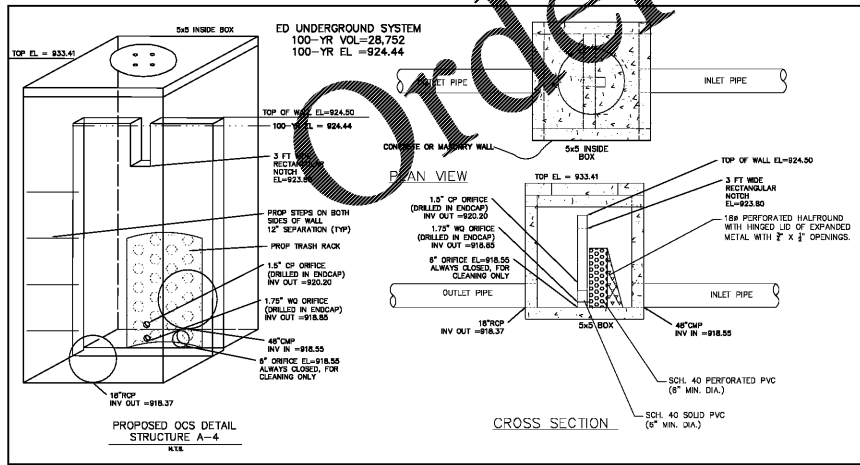
PROFILE OF A LINE
VERT. SCALE 1"= 10'
HORIZ. SCALE 1"= 30'



PROFILE OF D LINE
VERT. SCALE 1"= 10'
HORIZ. SCALE 1"= 30'



- PIPES NOTES**
- ALL HDPE PIPE SHALL CONFORM WITH THE REQUIREMENTS OF AASHTO M-294 AND AASHTO MPT, TYPE S&D. CONNECTIONS SHALL USE A RUBBER GASKET WHICH CONFORMS TO ASTM F-477. INSTALLATION SHALL BE IN ACCORDANCE WITH ASTM RECOMMENDED PRACTICE D-2211, AASHTO SECTION 90 OR WITH SECTION 550 OF THE GEORGIA DOT STANDARD SPECIFICATIONS, CONSTRUCTION OF ROADS AND BRIDGES.
 - ALL ASP ARE TO BE ALUMINIZED TYPE 2 STEEL PIPE (A514) 14 GA., STND CORRUGATION UNLESS OTHERWISE NOTED.
 - ALL ULTRAFLOW PIPE TO BE ALUMINIZED TYPE 2 STEEL PIPE (A514) 14 GA., SMOOTH INTERIOR UNLESS OTHERWISE NOTED.
 - ALL ALUMINUM COATED TYPE 2 STEEL PIPE OR ALUMINUM ALLOY PIPE, WHICH CARRY A LIVE STREAM, SHALL HAVE PAVED INVERTS IN ACCORDANCE WITH AASHTO M-190, TYPE C, EXCEPT THAT THE PIPE NEED NOT BE FULLY COATED. INSTALLATION SHALL BE IN ACCORDANCE WITH SECTION 550 OF THE GEORGIA DOT STANDARD SPECIFICATIONS, CONSTRUCTION OF ROADS AND BRIDGES.
 - ALL RCP ARE TO BE CLASS III UNLESS OTHERWISE NOTED. ALL RCP PIPE JOINTS SHALL BE BELL & SPIGOT TYPES WITH A RUBBER GASKET CONFORMING TO ASTM C-443. THE PIPE SHALL BE MANUFACTURED IN ACCORDANCE WITH AASHTO M-170 AND/OR ASTM C-76. CLASS OF PIPE AND WALL THICKNESS SHALL BE IN ACCORDANCE WITH 1030-0, GEORGIA DOT SPECIFICATION, TABLE NO. 1. INSTALLATION SHALL BE IN ACCORDANCE WITH SECTION 550 OF THE GEORGIA DOT STANDARD SPECIFICATIONS, CONSTRUCTION OF ROADS AND BRIDGES.
 - MINIMUM GROUND COVER FOR PIPES IS 1'-0".
 - MINIMUM VERTICAL SEPARATION BETWEEN PIPES IS 1'-0".



24 HR CONTACT
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PH: (678) 472-3734

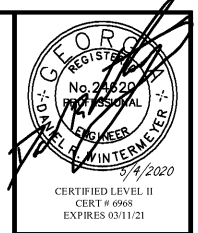


Storm Sewer Tabulation

Line No.	Len (ft)	Orig Area (sq ft)	Prop Area (sq ft)	Area x C	Tc	Rip	Total Flow (cfs)	Vel (ft/s)	Time (min)	Flow (cfs)	Vel (ft/s)	Time (min)	Flow (cfs)	Vel (ft/s)	Time (min)	Flow (cfs)	Vel (ft/s)	Time (min)	Flow (cfs)	Vel (ft/s)	Time (min)	
1	8.984	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Storm Sewer Tabulation

Line No.	Len (ft)	Orig Area (sq ft)	Prop Area (sq ft)	Area x C	Tc	Rip	Total Flow (cfs)	Vel (ft/s)	Time (min)	Flow (cfs)	Vel (ft/s)	Time (min)	Flow (cfs)	Vel (ft/s)	Time (min)	Flow (cfs)	Vel (ft/s)	Time (min)	Flow (cfs)	Vel (ft/s)	Time (min)	
1	8.984	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	1.02	0.00	2.50	1.00	0.50	0.04	0.0	0.0	11.62	0.50	3.67	11	0.12	0.44	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00



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REVISIONS

DATE	DESCRIPTION
04/15/2020	1

STORM PROFILES
21802-4
132, 133
13TH
FULTON
COUNTY:
SCALE:
DATE:
AS SHOWN
04/09/2020

RENEWED MEDICAL
OLD NATIONAL HIGHWAY
SOUTH FULTON, GA

DRAWING NO.:
C-7.0

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