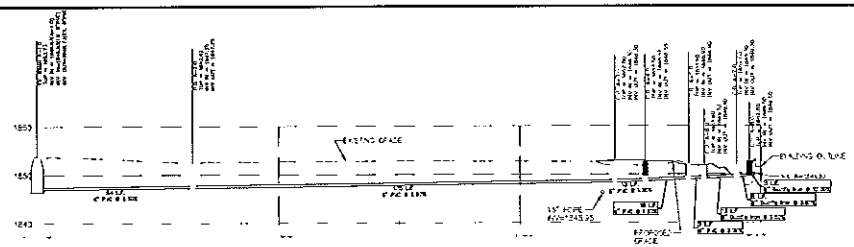
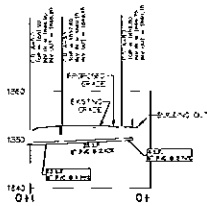
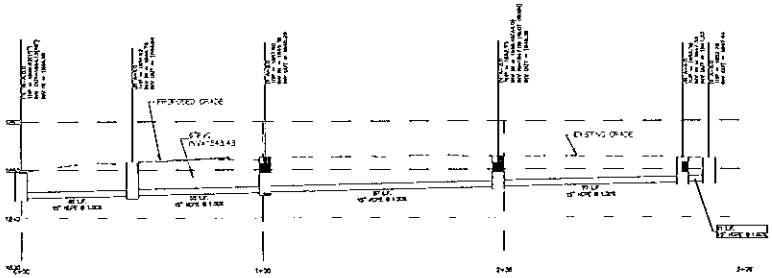


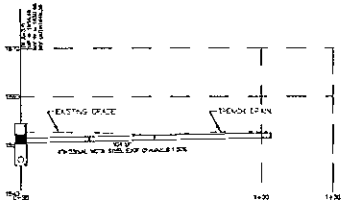
'Sanitary Sewer A'
VERT. SCALE 1"=10'
HORZ. SCALE 1"=20'



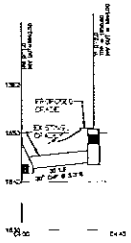
'Sanitary Sewer A5.0-A5.2'
VERT. SCALE 1"=10'
HORZ. SCALE 1"=20'



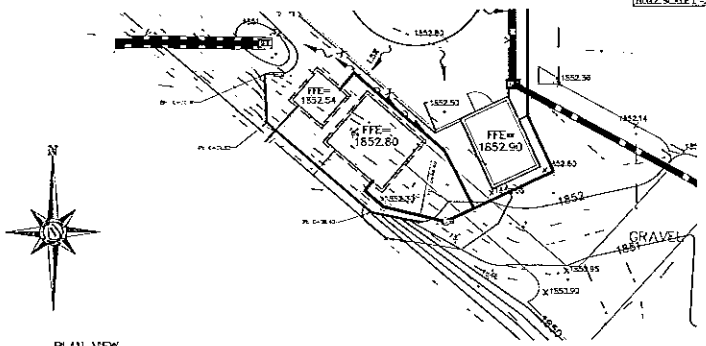
'Storm Main A'
VERT. SCALE 1"=10'
HORZ. SCALE 1"=20'



STORM TRENCH DRAIN
VERT. SCALE 1"=10'
HORZ. SCALE 1"=20'

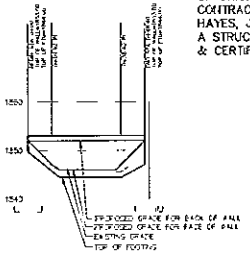


'Storm Main B'
VERT. SCALE 1"=10'
HORZ. SCALE 1"=20'



PLAN VIEW
RETAINING WALL A
SCALE 1"=10'

THE RETAINING WALL IS THE RESPONSIBILITY OF UNION COUNTY. IT IS NOT APART OF THIS CONTRACT.
HAYES, JAMES & ASSOCIATES RECOMMENDS THAT A STRUCTURAL ENGINEER BE RETAINED TO DESIGN & CERTIFY THE RETAINING WALL.



'Retaining Wall A'
VERT. SCALE 1"=10'
HORZ. SCALE 1"=5'

Station Line	Station To Line	Len (ft)	Drng Area Incr (ac)	Drng Area Total (ac)	Rnoff coeff (C)	Area x C Incr	Area x C Total	Tc Inlet (min)	Tc Syst (min)	Rain (I) (in/hr)	Total flow (cfs)	Cap full (cfs)	Vel (ft/s)	Pipe Size (in)	Pipe Slope (%)	Invert Elev Dn (ft)	Invert Elev Up (ft)	HGL Elev Dn (ft)	HGL Elev Up (ft)	Grnd / Rim Elev Dn (ft)	Grnd / Rim Elev Up (ft)	Line ID
1	End	46.000	0.00	0.26	0.00	0.00	0.23	5.0	8.1	7.2	1.63	7.00	1.65	15	1.00	1844.18	1844.64	1845.43	1845.43	0.00	1851.62	A2.0-A1.0
2	1	55.000	0.03	0.26	0.67	0.02	0.23	5.0	8.4	7.4	1.66	7.00	2.84	15	1.00	1844.74	1845.29	1845.49	1845.60	1851.62	1851.96	A1.0-A2.0
3	2	97.000	0.13	0.23	0.85	0.11	0.21	5.0	7.3	7.7	1.58	7.00	3.98	15	1.00	1845.39	1846.38	1846.80	1846.86	1851.96	1852.73	A2.0-A3.0
4	3	77.000	0.00	0.10	0.00	0.00	0.10	5.0	5.3	8.3	0.79	7.00	2.59	15	1.00	1846.46	1847.23	1846.86	1847.58	1852.73	1852.39	A3.0-A4.0
5	4	11.000	0.10	0.10	0.95	0.10	0.10	5.0	5.0	8.4	0.80	7.00	3.31	15	1.00	1847.33	1847.44	1847.62	1847.79	1852.39	1852.43	A4.0-A5.0

Station Line	Station To Line	Len (ft)	Drng Area Incr (ac)	Drng Area Total (ac)	Rnoff coeff (C)	Area x C Incr	Area x C Total	Tc Inlet (min)	Tc Syst (min)	Rain (I) (in/hr)	Total flow (cfs)	Cap full (cfs)	Vel (ft/s)	Pipe Size (in)	Pipe Slope (%)	Invert Elev Dn (ft)	Invert Elev Up (ft)	HGL Elev Dn (ft)	HGL Elev Up (ft)	Grnd / Rim Elev Dn (ft)	Grnd / Rim Elev Up (ft)	Line ID
1	End	30.000	0.08	0.08	0.67	0.04	0.04	5.0	5.0	8.4	0.34	15.64	1.26	15	5.00	1842.60	1844.00	1843.75	1844.23	0.00	1851.10	B1.0-B2.0

STORM MAIN PIPE CHARTS

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UNION COUNTY GOVERNMENT
65 COURTHOUSE STREET
BLAIRSVILLE, GA 30512
Phone: (706) 439-6000

Contact: LARRY GARRETT
(706) 439-6000

No.	Description	Dr.	Appr.	Date

ISSUE

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Project Title
UNION COUNTY SPLASH PAD

Project Location
Address 11 POOL LANE
City, State Zip BLAIRSVILLE, GA 30512
Land Lot 311
District-Section 6TH DISTRICT-437 SECTION
County UNION

Project No. 13-646-C
Drawn By PG
Checked By BG
NTP Issue Date 03-18-2013

Sheet Title
PROFILES

Sheet Number
C-06