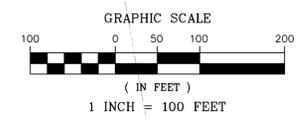


Pipe #	Pipe Size	Pipe Slope	Existing Peak Flow Depth (in.)	Proposed Peak Flow Depth (in.)	Full Flow Capacity (cfs)	Direct Flow Reading (cfs)	Peak Existing Flow/% of Full Flow (cfs)	Existing and Proposed Flow/% of
1	8"	10.4%	0	1.44	3.42	0.00	0.01 0.3%	0.25 7.3%
2	8"	12.4%	2.04	2.52	3.73	0.13	0.53 14.2%	0.77 20.6%
3	8"	5.1%	2.64	3.24	2.40	0.14	0.57 23.8%	0.81 33.8%
4	8"	3.6%	4.56	5.04	2.00	0.22	0.89 44.5%	1.13 56.5%
5	8"	9.3%	2.88	3.36	3.23	0.22	0.89 27.6%	1.13 35.0%
6	10"	3.6%	3.12	3.48	5.90	0.30	1.21 20.5%	1.45 24.6%
7	10"	2.4%	3.48	3.84	4.81	0.31	1.25 26.0%	1.49 31.0%
8	10"	7.8%	3.36	3.48	8.72	0.31	1.25 14.3%	1.49 17.1%

1. A PEAKING FACTOR OF 4.0 WAS USED TO ADJUST THE ACTUAL FLOW MEASUREMENTS THAT WERE TAKEN BETWEEN 6:00 AM AND 8:00 AM ON NOVEMBER 2, 2012.
2. BASED UPON THE LENGTH OF PIPE AN INFILTRATION RATE OF 100 GAL PER INCH PIPE DIAMETER PER MILE PER DAY WAS ADDED TO EACH PIPE.
3. PROPOSED FLOWS BASED UPON 350 BEDS @ 110 GPD/BED.
4. PROPOSED PEAK FLOWS INCLUDE A PEAKING FACTOR OF 4.0.



NOT FOR CONSTRUCTION

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ONEONTA STUDENT HOUSING
 CITY OF ONEONTA
 OTSEGO COUNTY, NY
SANITARY SEWER ANALYSIS

SHEET NO. **C200**
 PROJECT NO. 200.26412
 DATE: 10/17/12
 CAD FILE NO. 20026412.SITE.DGN

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