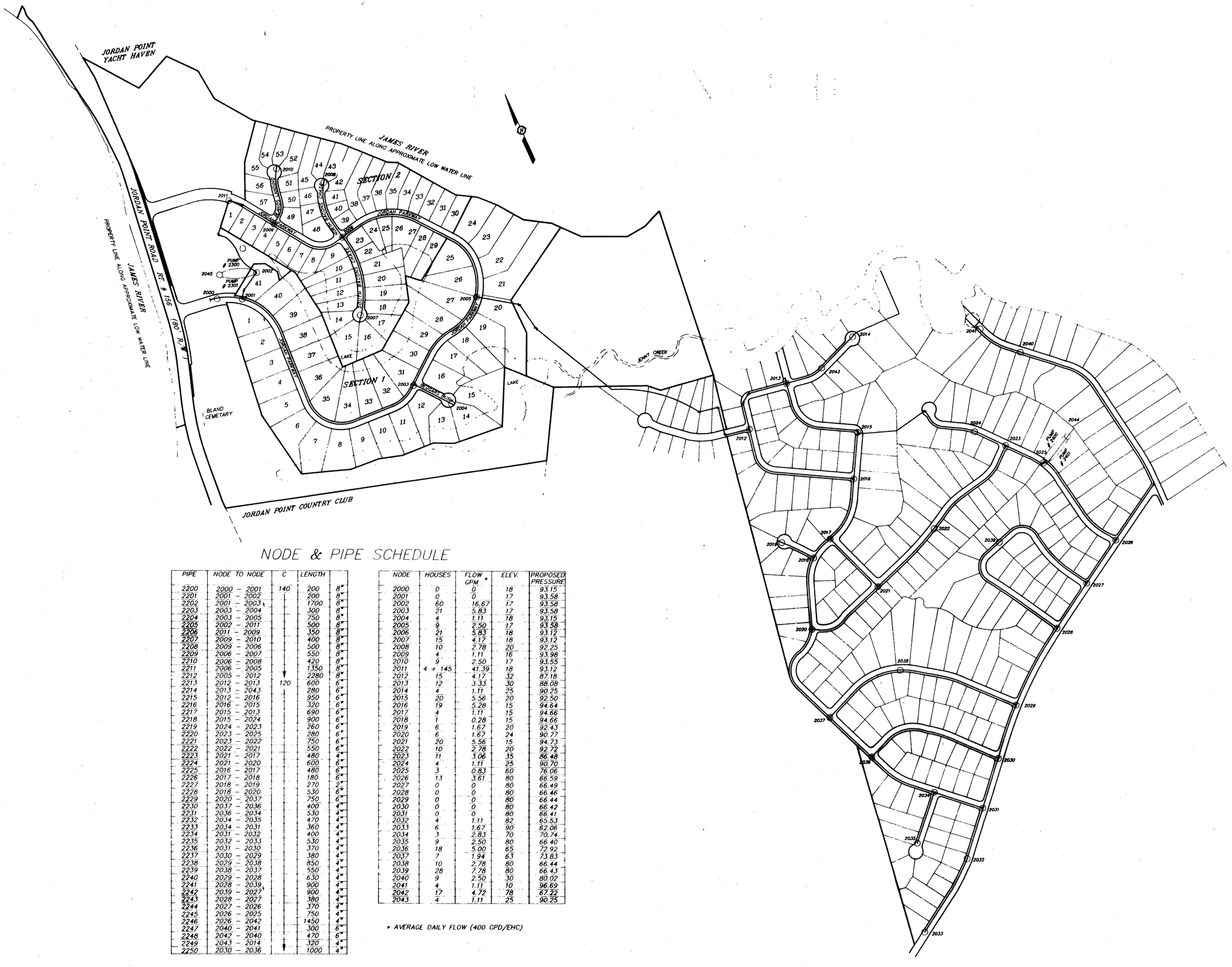

NODE & PIPE SCHEDULE

PIPE	NODE TO NODE	C	LENGTH	
2200	2000 – 2001	140	200	8"
2201	2001 – 2002		200	8"
2202	2001 – 2003		1700	8"
2203	2003 – 2004		300	8"
2204	2003 – 2005		750	8"
2205	2002 – 2011		500	8"
2206	2011 – 2009		350	8"
2207	2009 – 2010		400	8"
2208	2009 – 2006		500	8"
2209	2006 – 2007		550	8"
2210	2006 – 2008		420	8"
2211	2006 – 2005		1350	8"
2212	2005 – 2012		2280	8"
2213	2012 – 2013	120	600	6"
2214	2013 – 2043		280	6"
2215	2012 – 2016		950	6"
2216	2016 – 2015		320	6"
2217	2015 – 2013		690	6"
2218	2015 – 2024		900	6"
2219	2024 – 2023		260	6"
2220	2023 – 2025		280	6"
2221	2023 – 2022		750	6"
2222	2022 – 2021		550	6"
2223	2021 – 2017		480	4"
2224	2021 – 2020		600	6"
2225	2016 – 2017		480	6"
2226	2017 – 2018		180	6"
2227	2018 – 2019		270	2"
2228	2018 – 2020		530	6"
2229	2020 – 2037		750	6"
2230	2037 – 2036		400	4"
2231	2036 – 2034		530	4"
2232	2034 – 2035		470	4"
2233	2034 – 2031		360	4"
2234	2031 – 2032		400	4"
2235	2032 – 2033		530	4"
2236	2031 – 2030		370	4"
2237	2030 – 2029		380	4"
2238	2029 – 2038		850	4"
2239	2038 – 2037		550	4"
2240	2029 – 2028		630	4"
2241	2028 – 2039		900	4"
2242	2039 – 2027		900	4"
2243	2028 – 2027		380	4"
2244	2027 – 2026		370	4"
2245	2026 – 2025		750	4"
2246	2026 – 2042		1450	4"
2247	2040 – 2041		300	6"
2248	2042 – 2040		470	6"
2249	2043 – 2014		320	4"
2250	2030 – 2036		1000	4"

NODE	HOUSES	FLOW GPM *	ELEV.	PROPOSED PRESSURE
2000	0	0	18	93.15
2001	0	0	17	93.58
2002	60	16.67	17	93.58
2003	21	5.83	17	93.58
2004	4	1.11	18	93.15
2005	9	2.50	17	93.58
2006	21	5.83	18	93.12
2007	15	4.17	18	93.12
2008	10	2.78	20	92.25
2009	4	1.11	16	93.98
2010	9	2.50	17	93.55
2011	4 + 145	41.39	18	93.12
2012	15	4.17	32	87.18
2013	12	3.33	30	88.08
2014	4	1.11	25	90.25
2015	20	5.56	20	92.50
2016	19	5.28	15	94.64
2017	4	1.11	15	94.66
2018	1	0.28	15	94.66
2019	6	1.67	20	92.43
2020	6	1.67	24	90.77
2021	20	5.56	15	94.73
2022	10	2.78	20	92.72
2023	11	3.06	35	86.48
2024	4	1.11	25	90.70
2025	3	0.83	60	76.06
2026	13	3.61	80	66.59
2027	0	0	80	66.49
2028	0	0	80	66.46
2029	0	0	80	66.44
2030	0	0	80	66.42
2031	0	0	80	66.41
2032	4	1.11	82	65.53
2033	6	1.67	90	62.06
2034	3	2.83	70	70.74
2035	9	2.50	80	66.40
2036	18	5.00	65	72.92
2037	7	1.94	63	73.83
2038	10	2.78	80	66.44
2039	28	7.78	80	66.43
2040	9	2.50	30	80.02
2041	4	1.11	10	96.69
2042	17	4.72	78	67.22
2043	4	1.11	25	90.25

* AVERAGE DAILY FLOW (400 GPD/EHC)

FINAL

COMMONWEALTH OF VIRGINIA
EDWARD L. GLASS
No. 17564
PROFESSIONAL ENGINEER

711 NORTH COURTHOUSE ROAD — 8803 STAPLES MILL ROAD — 4411 CROSSING BOULEVARD
RICHMOND, VIRGINIA 23236 — RICHMOND, VIRGINIA 23228 — PRINCE GEORGE, VIRGINIA 23875
TELEPHONE: (804) 794-3500 — TELEPHONE: (804) 262-7396 — TELEPHONE: (804) 458-8685

LANDSCAPE ARCHITECTS

DATE	REVISION DESCRIPTION

DATE	10-15-90
DRAWN BY	BRG
DESIGNED BY	WMA III
CHECKED BY	ELG
SCALE	1"=300'

MCGUIRE WOOD & ASSOCIATES

ENGINEERS * ARCHITECTS * SURVEYORS * PLANNERS

JORDAN ON THE JAMES/BEECHWOOD MANOR

BLAND DISTRICT • PRINCE GEORGE COUNTY, VIRGINIA

KENTUCKY PIPE ANALYSIS

SHEET NO. 3 OF 3

JOB NO. 8707-04