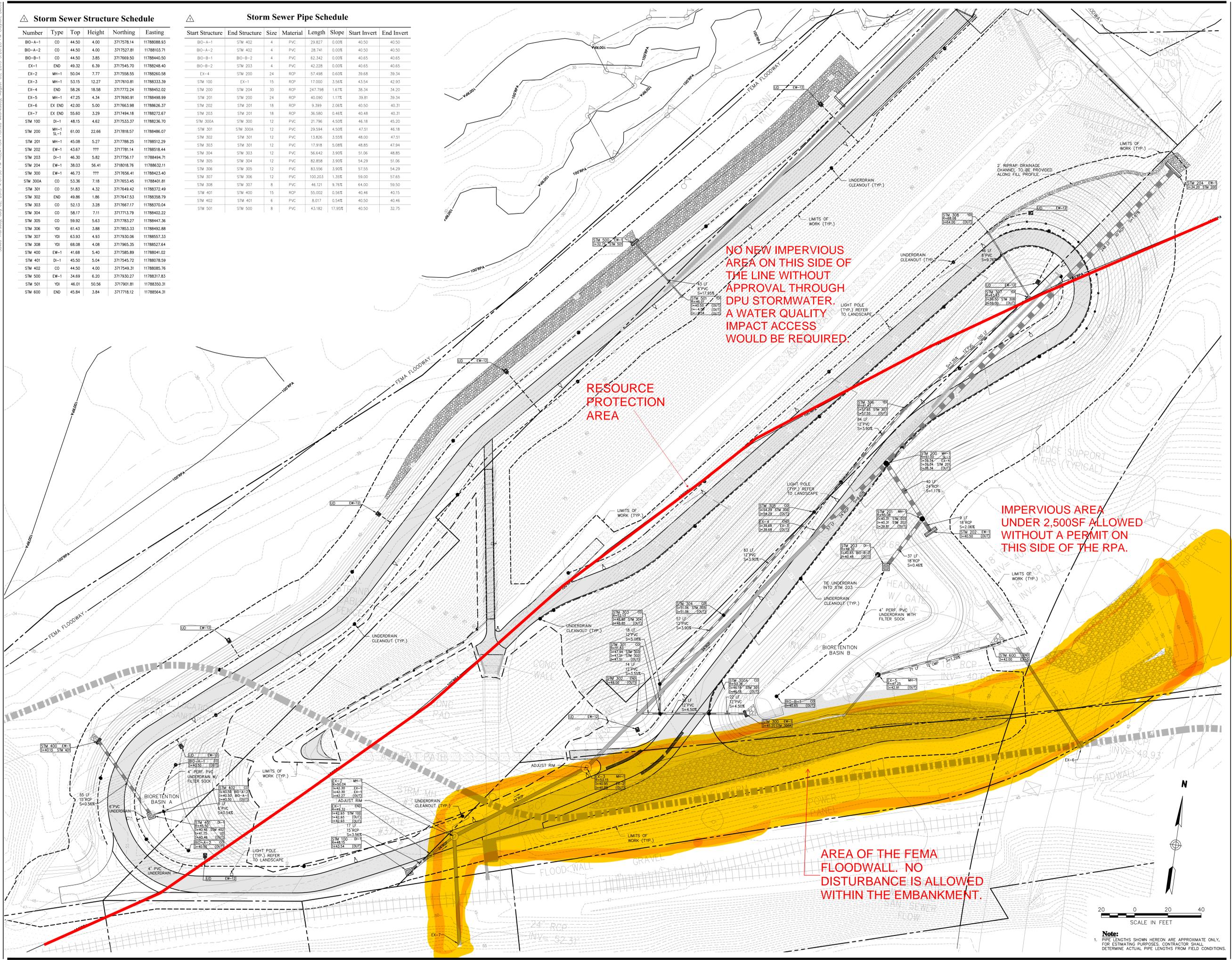


Storm Sewer Structure Schedule

Number	Type	Top	Height	Northing	Easting
BIO-A-1	CO	44.50	4.00	3717578.14	11788088.83
BIO-A-2	CO	44.50	4.00	3717527.81	11788103.71
BIO-B-1	CO	44.50	3.85	3717669.50	11788440.50
EX-1	END	49.32	6.39	3717545.70	11788248.40
EX-2	MH-1	50.04	7.77	3717558.55	11788260.58
EX-3	MH-1	53.15	12.27	3717631.81	11788333.39
EX-4	END	58.26	18.58	3717772.24	11788452.02
EX-5	MH-1	47.25	4.34	3717690.91	11788498.99
EX-6	EX END	43.00	5.00	3717663.98	11788626.37
EX-7	EX END	55.60	3.29	3717494.18	11788722.87
STM 100	D-1	48.15	4.62	3717533.37	11788236.70
STM 200	MH-1	61.00	22.66	3717858.57	11788486.07
STM 201	MH-1	45.08	5.27	3717788.25	11788512.29
STM 202	EW-1	43.67	???	3717781.14	11788518.44
STM 203	D-1	46.30	5.82	3717786.17	11788494.71
STM 204	EW-1	38.03	56.41	3718018.76	11788632.11
STM 300	EW-1	46.73	???	3717656.41	11788423.40
STM 300A	CO	53.36	7.18	3717653.45	11788401.81
STM 301	CO	51.83	4.32	3717649.42	11788372.49
STM 302	END	49.86	1.86	3717647.53	11788358.79
STM 303	CO	52.13	3.28	3717667.17	11788370.04
STM 304	CO	58.17	7.11	3717713.79	11788402.22
STM 305	CO	59.92	5.63	3717783.27	11788447.36
STM 306	YDI	61.43	3.88	3717853.33	11788492.88
STM 307	YDI	63.93	4.93	3717930.06	11788557.33
STM 308	YDI	68.08	4.08	3717965.35	11788527.64
STM 400	EW-1	41.68	5.40	3717885.89	11788041.02
STM 401	D-1	45.50	5.04	3717545.72	11788078.59
STM 402	CO	44.50	4.00	3717549.31	11788085.76
STM 500	EW-1	34.69	6.20	3717930.27	11788317.83
STM 501	YDI	46.01	5.06	3717901.81	11788350.31
STM 600	END	45.84	3.84	3717718.12	11788564.31

Storm Sewer Pipe Schedule

Start Structure	End Structure	Size	Material	Length	Slope	Start Invert	End Invert
BIO-A-1	STM 402	4	PVC	29.827	0.00%	40.50	40.50
BIO-A-2	STM 402	4	PVC	28.741	0.00%	40.50	40.50
BIO-B-1	BIO-B-2	4	PVC	62.342	0.00%	40.65	40.65
BIO-B-2	STM 203	4	PVC	42.228	0.00%	40.65	40.65
EX-4	STM 200	24	RCP	57.488	0.00%	39.68	39.34
STM 100	EX-1	15	RCP	17.000	3.56%	43.54	42.93
STM 200	STM 204	30	RCP	247.798	1.67%	38.34	34.20
STM 201	STM 200	24	RCP	40.090	1.17%	39.81	39.34
STM 202	STM 201	18	RCP	9.399	2.06%	40.50	40.31
STM 203	STM 201	18	RCP	36.580	0.46%	40.48	40.31
STM 300A	STM 300	12	PVC	21.796	4.50%	48.18	45.20
STM 301	STM 300A	12	PVC	29.594	4.50%	47.51	46.18
STM 302	STM 301	12	PVC	13.826	3.55%	48.00	47.51
STM 303	STM 301	12	PVC	17.918	5.08%	48.85	47.94
STM 304	STM 303	12	PVC	56.642	3.90%	51.06	48.85
STM 305	STM 304	12	PVC	82.858	3.90%	54.29	51.06
STM 306	STM 305	12	PVC	83.556	3.90%	57.55	54.29
STM 307	STM 306	12	PVC	100.203	1.35%	59.00	57.65
STM 308	STM 307	8	PVC	46.121	9.76%	64.00	59.50
STM 401	STM 400	15	RCP	55.002	0.56%	40.46	40.15
STM 402	STM 401	6	PVC	8.017	0.94%	40.50	40.46
STM 501	STM 500	8	PVC	43.182	17.95%	40.50	32.75



NO NEW IMPERVIOUS AREA ON THIS SIDE OF THE LINE WITHOUT APPROVAL THROUGH DPU STORMWATER. A WATER QUALITY IMPACT ACCESS WOULD BE REQUIRED.

RESOURCE PROTECTION AREA

IMPERVIOUS AREA UNDER 2,500SF ALLOWED WITHOUT A PERMIT ON THIS SIDE OF THE RPA.

AREA OF THE FEMA FLOODWALL. NO DISTURBANCE IS ALLOWED WITHIN THE EMBANKMENT.

PROJECT INFORMATION
 Richmond, Virginia Riverfront Improvements: Priority 1
T. TYLER POTTERFIELD MEMORIAL BRIDGE
 RICHMOND, VIRGINIA

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 Mark Olinger, Director PDR
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Landscape Architecture
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 www.hargreaves.com

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Marine & Structural Engineering
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 www.moffattnichol.com

Electrical Engineering
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 919 East Main Street, Suite 1602
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 www.hcyu.com

Lighting Design
LAM Partners
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 www.lampartners.com

Wayfinding / Signage
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 Richmond, VA 23223
 www.1717design.com

Geotechnical
DNY INC.
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 Midlothian, VA 23113
 www.dny-inc.com

SEAL/SIGNATURE



PARCEL
 S-000-0252-043
 511 WEST 6TH STREET, RICHMOND, VA 23224

REVISIONS

NO.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	02-28-2014
2	DESIGN DEVELOPMENT	06-27-2014
3	85% CONSTRUCTION	10-03-2014
4	BID SET	10-24-2014
5	PERMIT SET	05-20-2015
6	PERMIT SET	08-06-2015

KEY MAP

SHEET INFORMATION
 Project No.: RVA 1301
 Drawn By: CAC
 Checked By: JPC
 Date: 05/20/2015

SHEET TITLE
CIVIL STORMWATER & UTILITY PLAN

SHEET NO.

C-201

Note:
 1. PIPE LENGTHS SHOWN HEREON ARE APPROXIMATE ONLY. FOR ESTIMATING PURPOSES, CONTRACTOR SHALL DETERMINE ACTUAL PIPE LENGTHS FROM FIELD CONDITIONS.

