

# CITY OF CAMBRIDGE, MASSACHUSETTS **HURON A (CONTRACT 8A)** **SEWER SEPARATION AND** **SURFACE IMPROVEMENTS PROJECT**

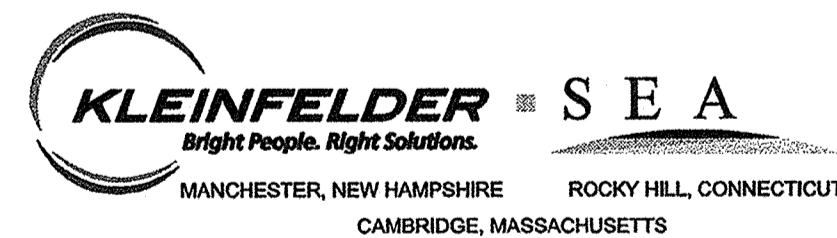
CONFORMED SET  
 SEPTEMBER 7, 2012

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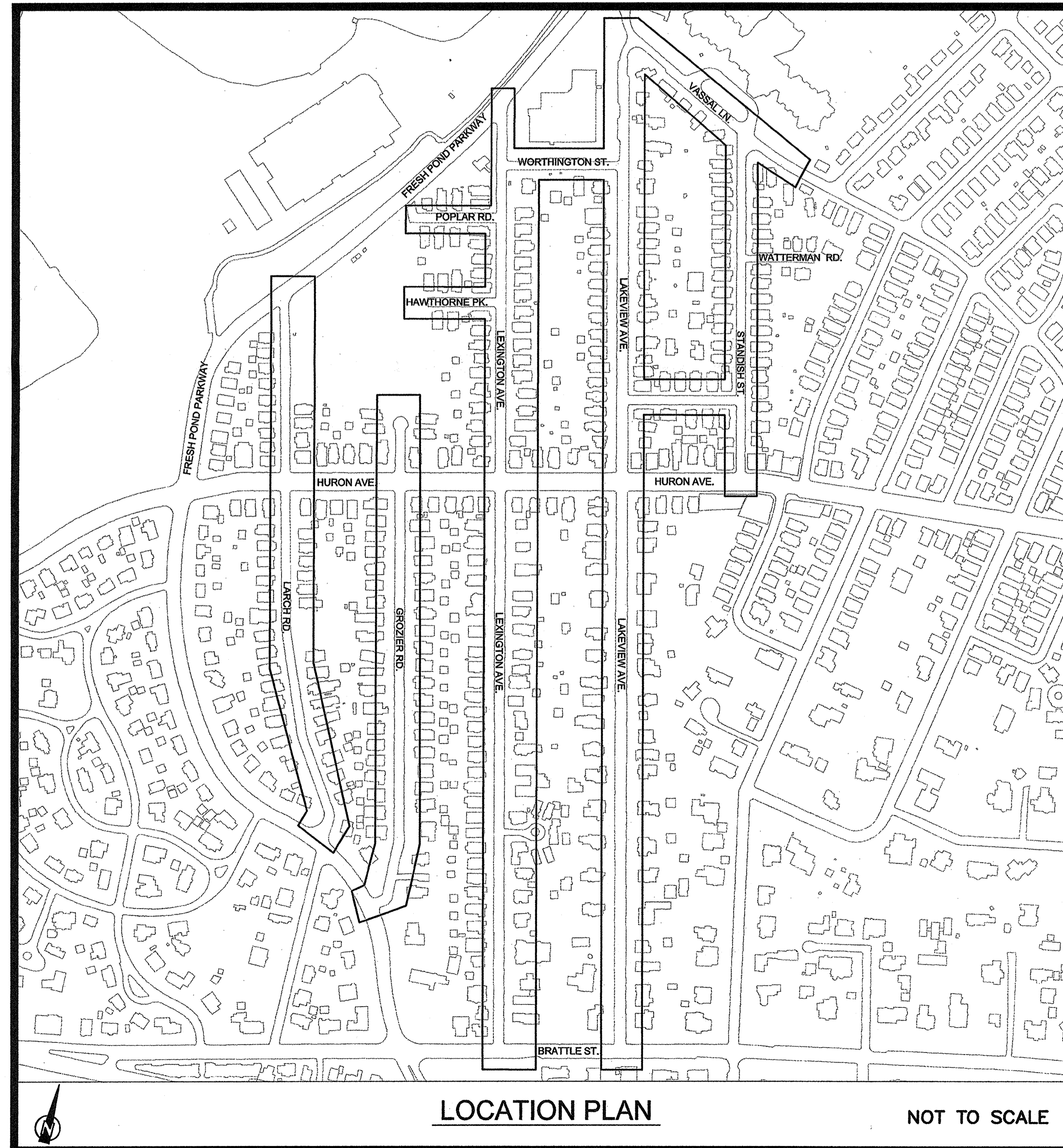
PREPARED FOR:



PREPARED BY PROJECT DESIGN TEAM:

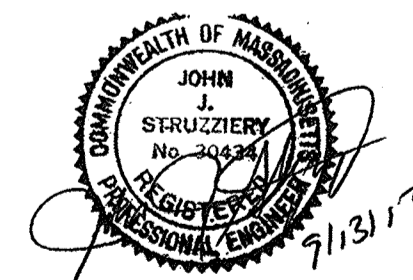


18 Commercial Street  
 Salem, MA 01970  
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LOCATION PLAN

NOT TO SCALE



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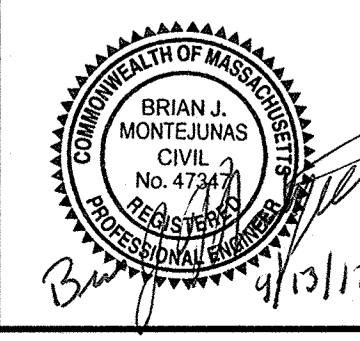
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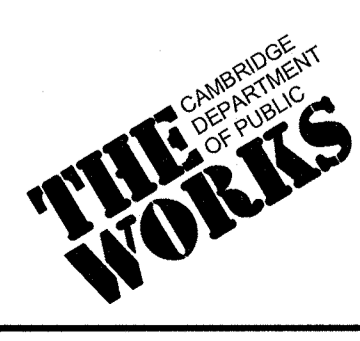
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CONFORMED SET



Scale	AS NOTED		
Date	SEPTEMBER 2012		
Job No.	2011010-01-A		
Designed by	KJL		
Drawn by	KJL		
Checked by	CMC		
Approved by	BJM		
	No.	Description	Date
		REVISIONS	

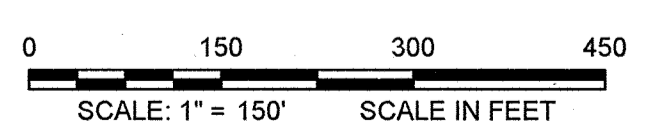
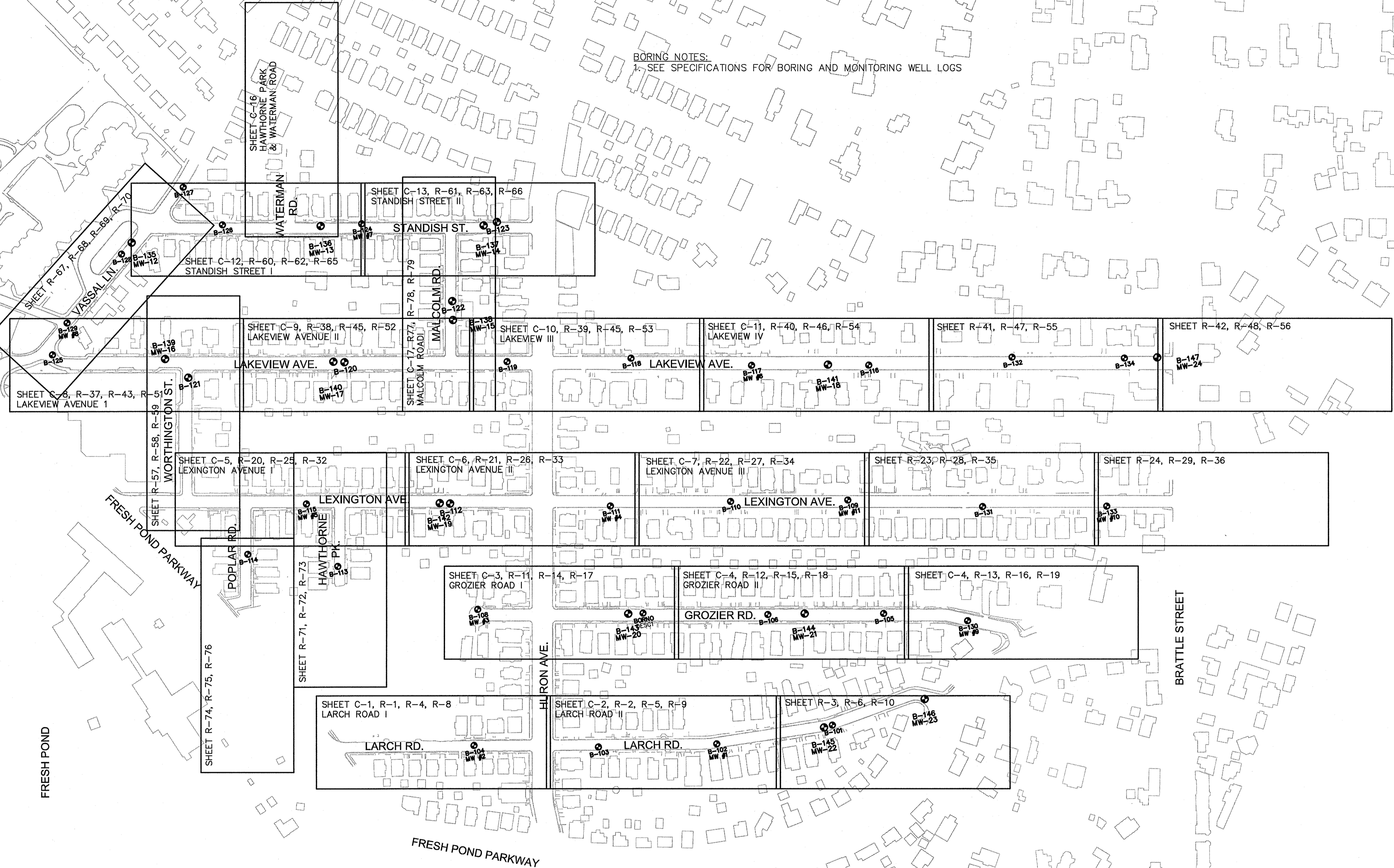


Client	CITY OF CAMBRIDGE, MASSACHUSETTS
Project	HURON A SEWER SEPARATION PROJECT
	Contract No. 8A
Drawing	GENERAL DRAWING INDEX

Sheet	G-2
File No.	

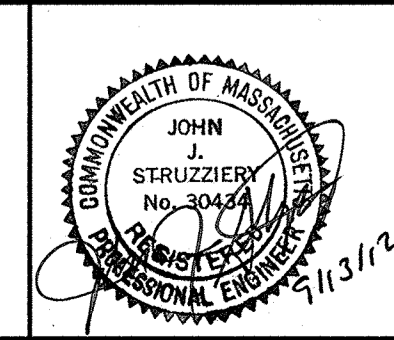


BORING NOTES:  
1. SEE SPECIFICATIONS FOR BORING AND MONITORING WELL LOGS

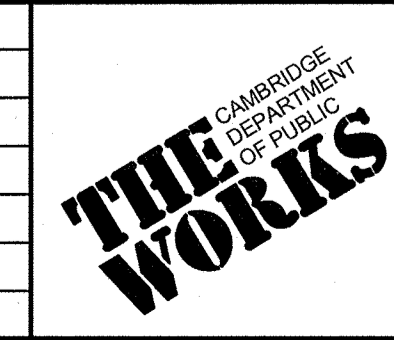


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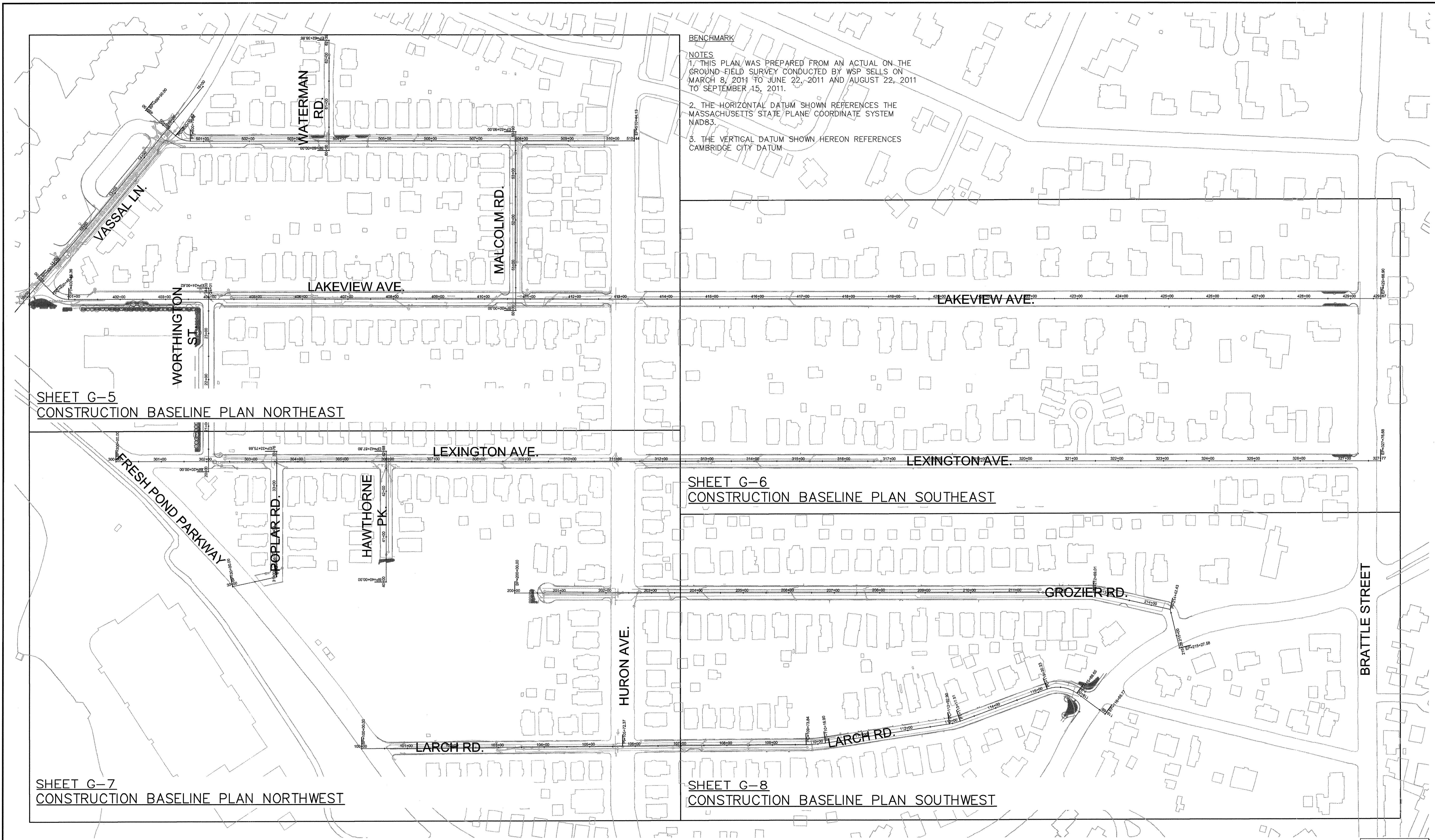
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Scale	AS NOTED			
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Job No.	20110101-A			
Designed by	AMF			
Drawn by	ZSH			
Checked by	BFR	No.	Description	Date
Approved by	AMF		REVISIONS	



Client	CITY OF CAMBRIDGE, MASSACHUSETTS	Sheet	
Project	HURON A SEWER SEPARATION PROJECT Contract No. 8A	File No.	G-3
Drawing	GENERAL OVERALL KEYPLAN AND BORING LOGS		



BENCHMARK

NOTES

1. THIS PLAN WAS PREPARED FROM AN ACTUAL ON THE GROUND FIELD SURVEY CONDUCTED BY WSP SELLS ON MARCH 8, 2011 TO JUNE 22, 2011 AND AUGUST 22, 2011 TO SEPTEMBER 15, 2011.
2. THE HORIZONTAL DATUM SHOWN REFERENCES THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM NAD83.
3. THE VERTICAL DATUM SHOWN HEREON REFERENCES CAMBRIDGE CITY DATUM.

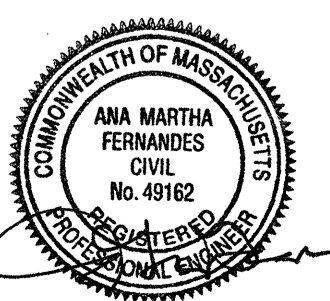
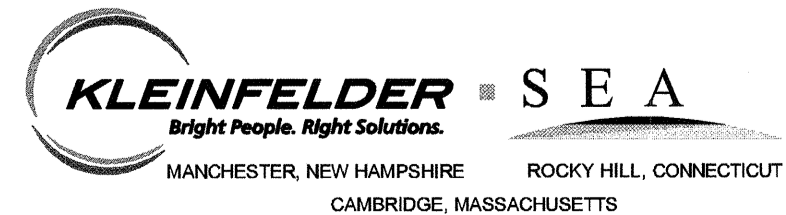
SHEET G-5  
CONSTRUCTION BASELINE PLAN NORTHEAST

SHEET G-6  
CONSTRUCTION BASELINE PLAN SOUTHEAST

SHEET G-7  
CONSTRUCTION BASELINE PLAN NORTHWEST

SHEET G-8  
CONSTRUCTION BASELINE PLAN SOUTHWEST

CONFORMED SET



Scale	1"=100'			
Date	SEPTEMBER 2012			
Job No.	1010891			
Designed by	AMF			
Drawn by	ZSH			
Checked by	BFR	No.	Description	Date
Approved by	AMF		REVISIONS	



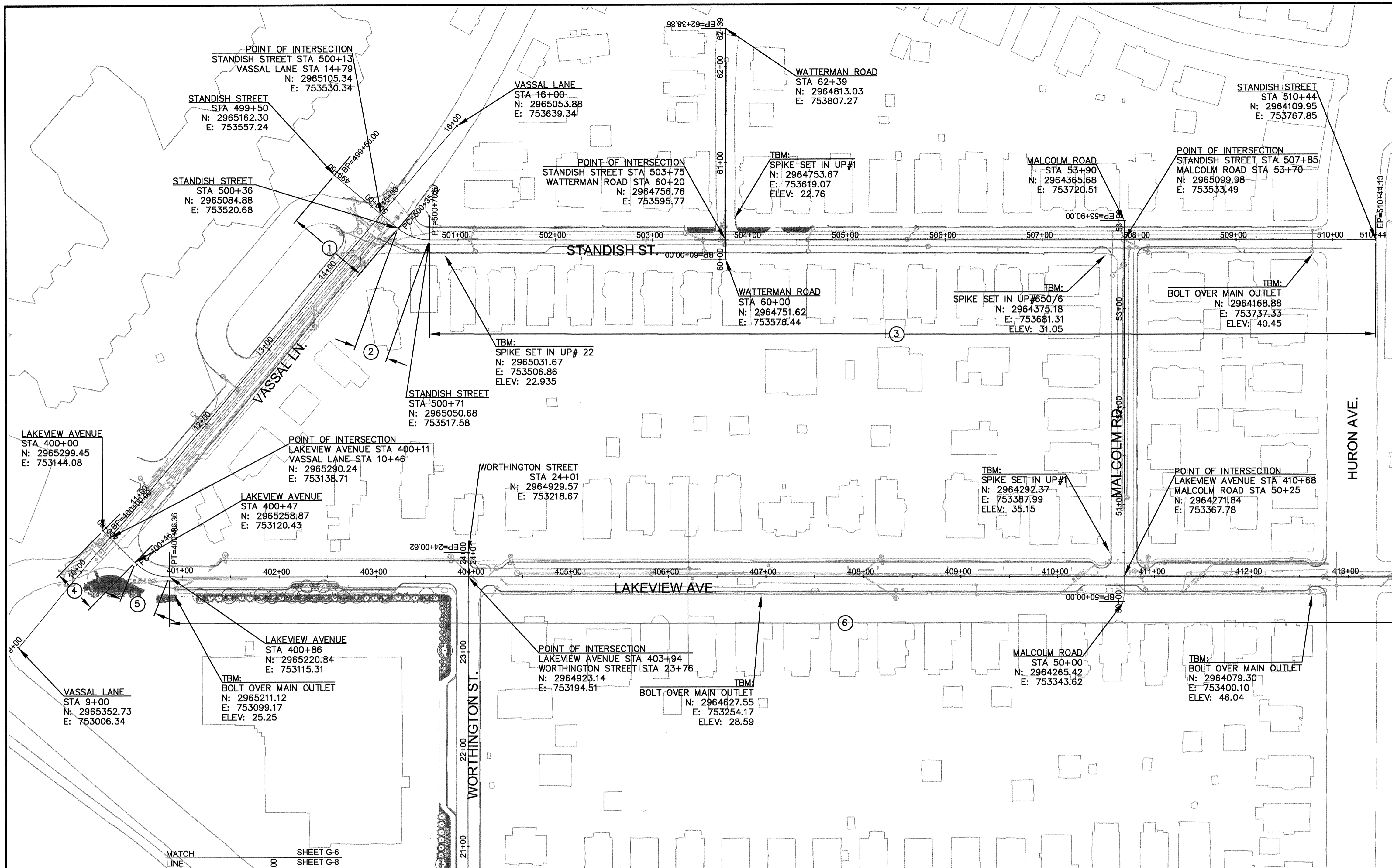
CITY OF CAMBRIDGE, MASSACHUSETTS

HURON A SEWER SEPARATION PROJECT  
CONTRACT NO. 8A

GENERAL  
CONSTRUCTION BASELINE KEY PLAN

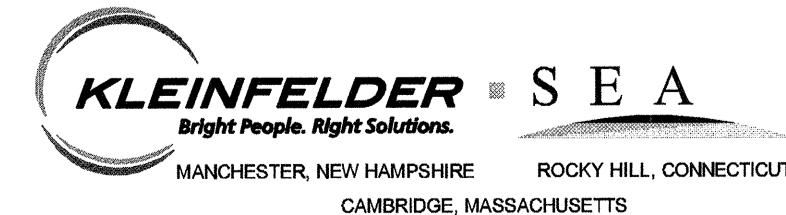
Sheet No. **G-4**

File No.



BEGINNING ALIGNMENT	SEGMENT LABEL	AZIMUTH	LENGTH	ENDING ALIGNMENT
STANDISH STREET STA 499+50 N: 2965162.30 E: 753557.24	①	S25°16'23"W	85.62'	STANDISH STREET STA 500+36 N: 2965084.88 E: 753520.68
	②	R=50.00'	35.05'	STANDISH STREET STA 500+71 N: 2965050.68 E: 753517.58
	③	S14°53'52"E	973.46'	STANDISH STREET STA 510+44 N: 2964109.95 E: 753767.85
WATTERMAN ROAD STA 60+00 N: 2964265.62 E: 753576.44	--	S104°53'56"E	238.86'	WATTERMAN ROAD STA 62+39 N: 2964813.03 E: 753807.27
MALCOLM ROAD STA 50+00 N: 2964365.42 E: 753343.62	--	S104°53'52"E	390.00'	MALCOLM ROAD STA 53+90 N: 2964365.68 E: 753720.51
VASSAL LANE STA 9+00 N: 2965352.73 E: 753006.34	--	S64°43'37"E	700.00'	VASSAL LANE STA 16+00 N: 2965053.88 E: 753639.34
LAKEVIEW AVENUE STA 400+00 N: 2965299.45 E: 753144.08	④	S30°13'59"W	46.97'	LAKEVIEW AVENUE STA 400+47 N: 2965258.87 E: 753120.43
	⑤	R=50.00'	50.00'	LAKEVIEW AVENUE STA 400+86 N: 2965220.84 E: 753115.31
	⑥	S14°53'52"E	2880.54'	LAKEVIEW AVENUE STA 429+67 N: 2962437.12 E: 753855.88
WORTHINGTON STREET STA 20+00 N: 2964826.57 E: 752831.51	--	S104°53'52"E	400.62'	WORTHINGTON STREET STA 24+01 N: 2964929.57 E: 753218.67

CONFIRMED SET

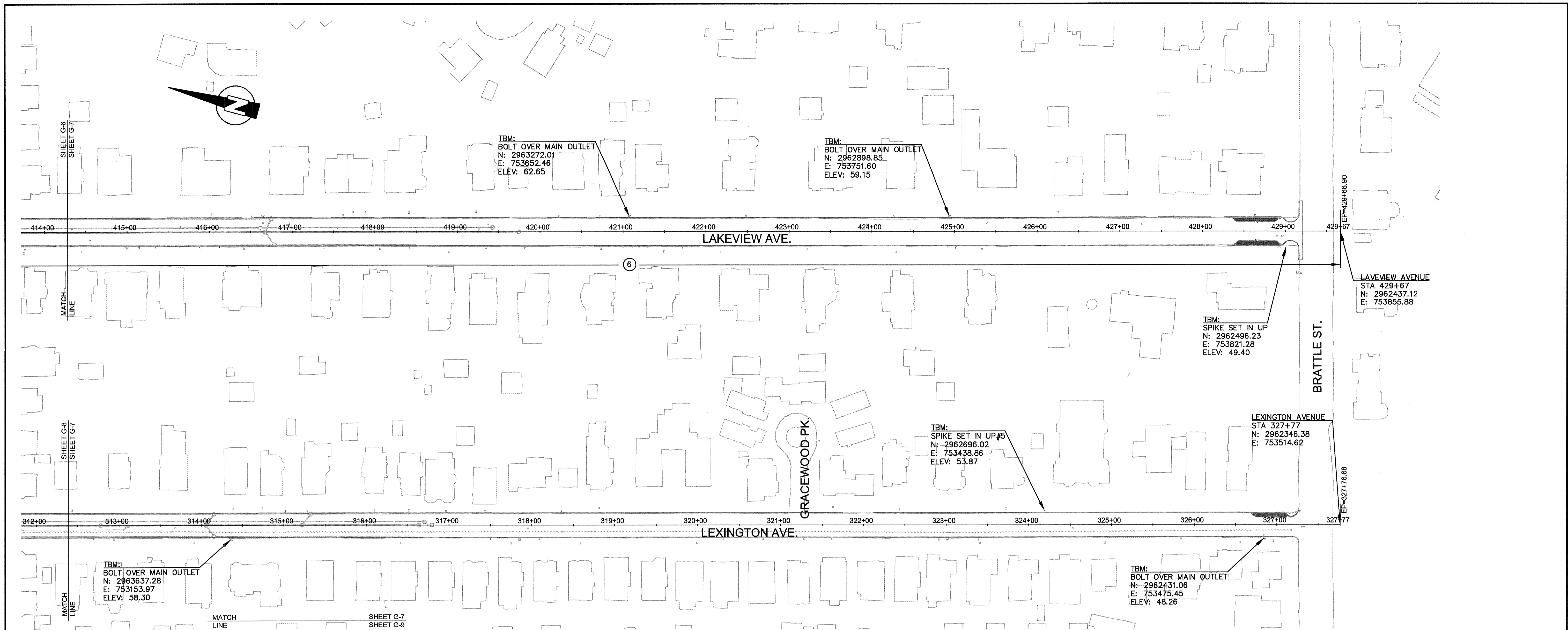


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Designed by	AMF			
Drawn by	ZSH			
Checked by	BFR	No.	Description	Date
Approved by	AMF		REVISIONS	



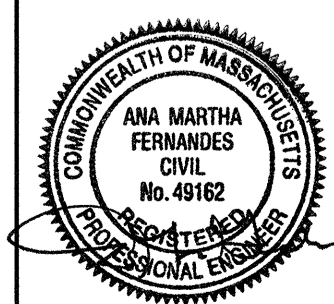
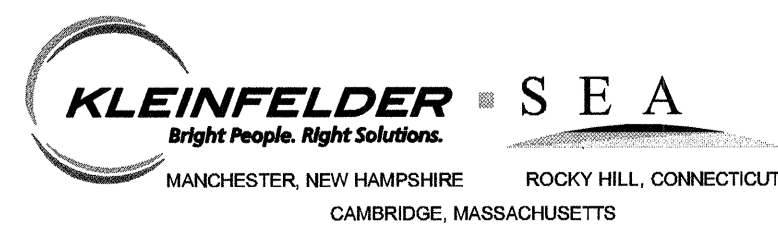
CITY OF CAMBRIDGE, MASSACHUSETTS  
 HURON A SEWER SEPARATION PROJECT  
 CONTRACT NO. 8A  
 GENERAL  
 CONSTRUCTION BASELINE PLAN NORTHEAST

Sheet No. **G-5**  
 File No.



BEGINNING ALIGNMENT	SEGMENT LABEL	AZIMUTH	LENGTH	ENDING ALIGNMENT
LAKEVIEW AVENUE STA 400+00 N: 2965299.45 E: 753144.08	4	S30°13'59"W	46.97'	LAKEVIEW AVENUE STA 400+47 N: 2965258.87 E: 753120.43
	5	R=50.00'	50.00'	LAKEVIEW AVENUE STA 400+86 N: 2965220.84 E: 753115.31
	6	S14°53'52"E	2880.54'	LAKEVIEW AVENUE STA 429+67 N: 2962437.12 E: 753855.88
LEXINGTON AVENUE STA 300+00 N: 2965029.73 E: 752800.75	---	S14°53'52"E	2776.68'	LEXINGTON AVENUE STA 327+77 N: 2962346.38 E: 753514.62

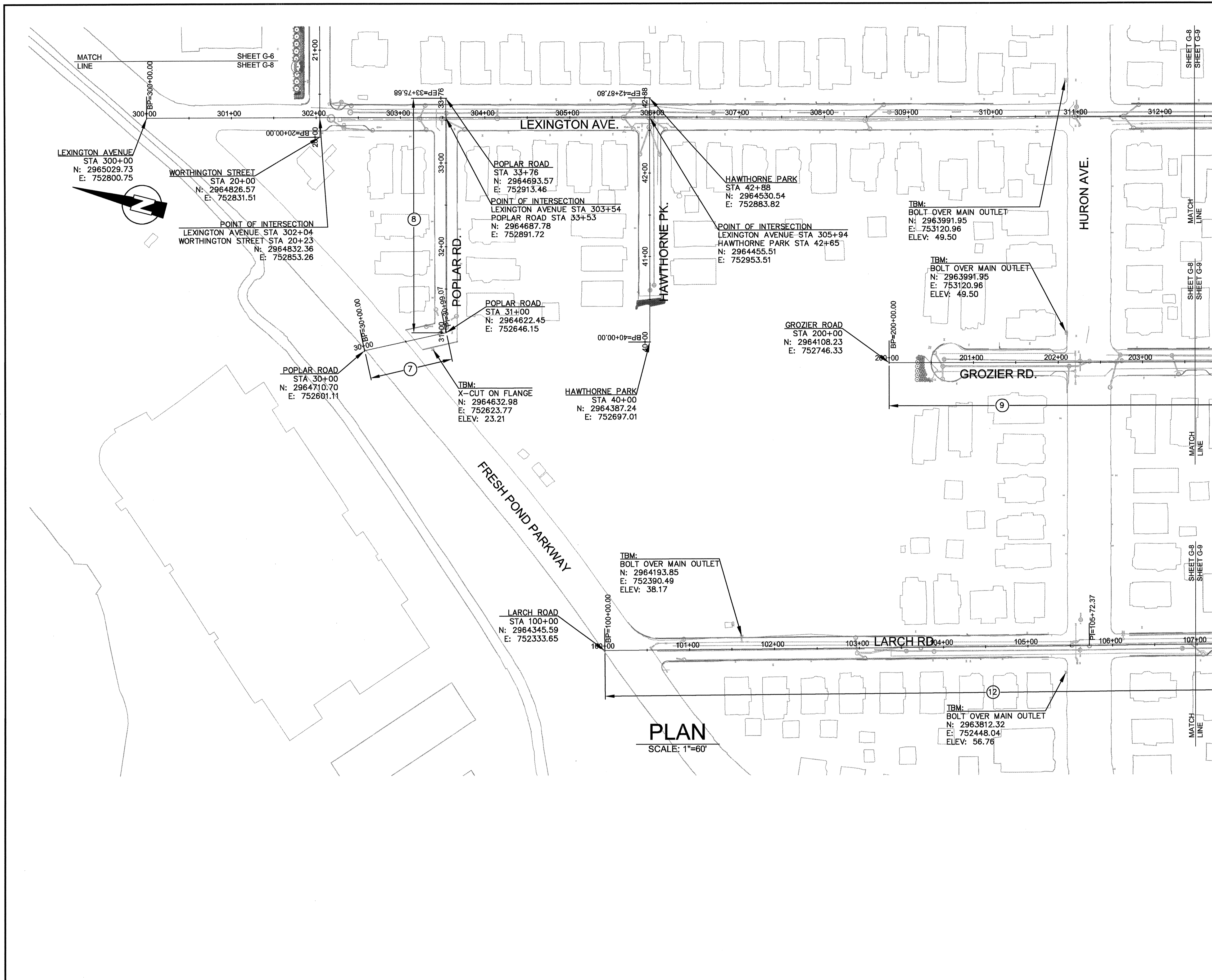
CONFORMED SET



Scale	1"=60'			
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Designed by	AMF			
Drawn by	ZSH			
Checked by	BFR	No.	Description	Date
Approved by	AMF		REVISIONS	



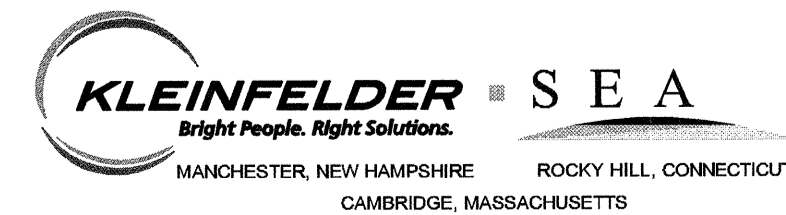
CITY OF CAMBRIDGE, MASSACHUSETTS	Sheet No.
HURON A SEWER SEPARATION PROJECT CONTRACT NO. 8A	G-6
GENERAL CONSTRUCTION BASELINE PLAN SOUTHEAST	File No.



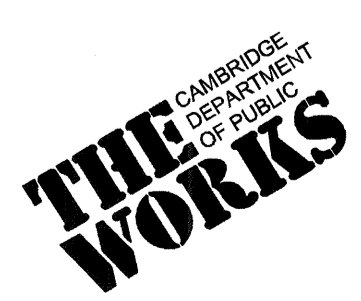
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SCALE: 1"=60'

BEGINNING ALIGNMENT	SEGMENT LABEL	AZIMUTH	LENGTH	ENDING ALIGNMENT
LEXINGTON AVENUE STA 300+00 N: 2965029.73 E: 752800.75	--	S14°53'52"E	2776.68'	LEXINGTON AVENUE STA 327+77 N: 2962346.38 E: 753514.62
POPLAR ROAD STA 30+00 N: 2964710.70 E: 752601.11	7	S27°2'22"E	99.07'	POPLAR ROAD STA 31+00 N: 2964622.45 E: 752646.15
	8	S104°53'52"E	50.00'	POPLAR ROAD STA 33+76 N: 2964693.57 E: 752913.46
HAWTHORNE PARK STA 40+00 N: 2964387.24 E: 752697.01	--	S104°53'52"E	2776.68'	HAWTHORNE PARK STA 42+88 N: 2964530.54 E: 752883.82
GROZIER ROAD STA 200+00 N: 2964108.23 E: 752746.33	9	S14°53'52"E	1269.01'	GROZIER ROAD STA 212+69 N: 2964281.88 E: 753072.58
	10	S2°35'52"E	173.43'	GROZIER ROAD STA 214+42 N: 2962708.63 E: 753080.44
	11	S61°7'3"W	85.14'	GROZIER ROAD STA 215+28 N: 2962667.50 E: 753005.89
LARCH ROAD STA 100+00 N: 2964345.59 E: 752333.65	12	S15°22'29"E	974.09'	LARCH ROAD STA 109+73 N: 2963406.62 E: 752591.91
	13	R=300.00'	43.07'	LARCH ROAD STA 110+17 N: 2963366.06 E: 752606.27
	14	S23°36'42"E	276.00'	LARCH ROAD STA 112+93 N: 2963113.17 E: 752716.82
	15	R=125.00'	24.61'	LARCH ROAD STA 113+18 N: 2963091.73 E: 752728.82
	16	S34°53'32"E	202.72'	LARCH ROAD STA 115+20 N: 2962925.45 E: 752844.79
	17	R=70.00'	68.42'	LARCH ROAD STA 115+89 N: 2962860.20 E: 752852.67
	18	S21°6'25"W	77.12'	LARCH ROAD STA 116+66 N: 2962788.86 E: 752824.90
WORTHINGTON STREET STA 20+00 N: 2964826.57 E: 752831.51	--	S104°53'52"E	400.62'	WORTHINGTON STREET STA 24+01 N: 2964929.57 E: 753218.67

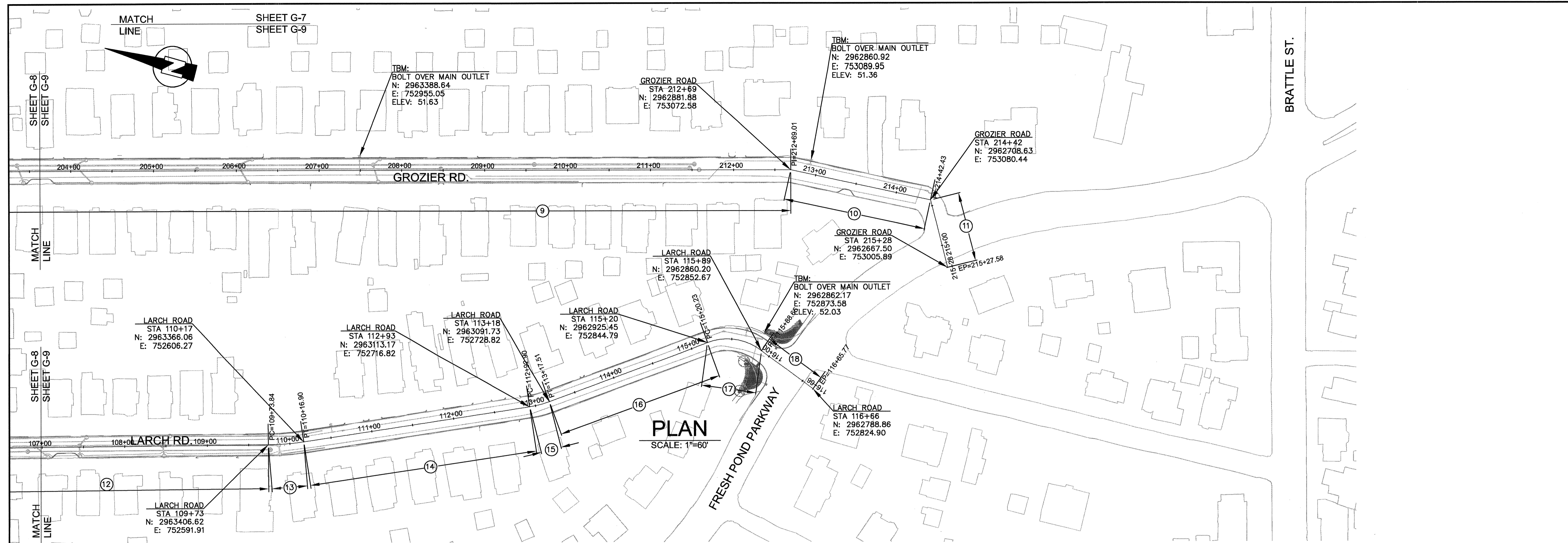
CONFORMED SET



Scale	1"=60'			
Date	SEPTEMBER 2012			
Job No.	1010691			
Designed by	AMF			
Drawn by	ZSH			
Checked by	BFR	No.	Description	Date
Approved by	AMF		REVISIONS	



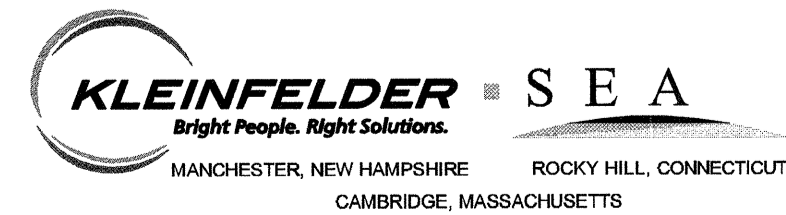
CITY OF CAMBRIDGE, MASSACHUSETTS	Sheet No.
HURON A SEWER SEPARATION PROJECT CONTRACT NO. 8A	G-7
GENERAL CONSTRUCTION BASELINE PLAN NORTHWEST	File No.



BEGINNING ALIGNMENT	SEGMENT LABEL	AZIMUTH	LENGTH	ENDING ALIGNMENT
LARCH ROAD STA 100+00 N: 2964345.59 E: 752333.65	12	S15°22'29"E	974.09'	LARCH ROAD STA 109+73 N: 2963406.62 E: 752591.91
	13	R=300.00'	43.07'	LARCH ROAD STA 110+17 N: 2963366.06 E: 752606.27
	14	S23°36'42"E	276.00'	LARCH ROAD STA 112+93 N: 2963113.17 E: 752716.82
	15	R=125.00'	24.61'	LARCH ROAD STA 113+18 N: 2963091.73 E: 752728.82
	16	S34°53'32"E	202.72'	LARCH ROAD STA 115+20 N: 2962925.45 E: 752844.79
	17	R=70.00'	68.42'	LARCH ROAD STA 115+89 N: 2962860.20 E: 752852.67
	18	S21°6'25"W	77.12'	LARCH ROAD STA 116+66 N: 2962788.86 E: 752824.90

BEGINNING ALIGNMENT	SEGMENT LABEL	AZIMUTH	LENGTH	ENDING ALIGNMENT
GROZIER ROAD STA 200+00 N: 2964108.23 E: 752746.33	9	S14°53'52"E	1269.01'	GROZIER ROAD STA 212+69 N: 2962881.88 E: 753072.58
	10	S2°35'52"E	173.43'	GROZIER ROAD STA 214+42 N: 2962708.63 E: 753080.44
	11	S61°7'3"W	85.14'	GROZIER ROAD STA 215+28 N: 2962667.50 E: 753005.89
LEXINGTON AVENUE STA 300+00 N: 2965029.73 E: 752800.75	--	S14°53'52"E	2776.68'	LEXINGTON AVENUE STA 327+77 N: 2962346.38 E: 753514.62

CONFORMED SET



Scale	1"=60'
Date	SEPTEMBER 2012
Job No.	1010691
Designed by	AMF
Drawn by	ZSH
Checked by	BFR
Approved by	AMF



CITY OF CAMBRIDGE, MASSACHUSETTS  
 HURON A SEWER SEPARATION PROJECT  
 CONTRACT NO. 8A  
 GENERAL  
 CONSTRUCTION BASELINE PLAN SOUTHWEST

Sheet No. **G-8**  
 File No.