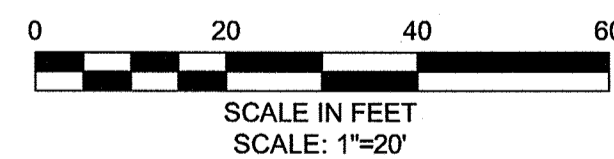


CONSTRUCTION NOTES:

1. WORK IN KASSUL PARK SHALL MEET THE REQUIREMENTS OF THE CITY OF CAMBRIDGE DEPARTMENT OF PUBLIC WORKS.
2. SEE DETAIL SHEETS GC-8 AND GC-9 FOR CURB INSTALLATION, PEDESTRIAN RAMP AND SIDEWALK CONSTRUCTION DETAILS.
3. REFER TO DRAWINGS G-4 THRU G-7 FOR CONSTRUCTION BASELINE DRAWINGS.
4. CONTRACTOR SHALL ADJUST EXISTING UTILITY COVERS AND CASTINGS TO RE-GRADED SURFACES AT NO ADDITIONAL COST TO OWNER. THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES FOR GAS/TELECOM/CABLE/ELECTRIC.
5. ALL VERTICAL GRANITE CURBING WITHIN SIDEWALK AND PULVERIZING LIMITS SHALL BE REMOVED AND RESET UNLESS OTHERWISE NOTED.
6. CONTRACTOR TO ADJUST TREE PIT OPENINGS AS NECESSARY TO MAINTAIN A MINIMUM 3'-0" WIDE SIDEWALK BETWEEN TREE PIT AND BACK OF SIDEWALK.
7. CONTRACTOR SHALL MAINTAIN A MINIMUM DISTANCE OF 3'-0" FROM THE BACK OF SIDEWALK TO ANY OBJECT INCLUDING BUT NOT LIMITED TO; SIGN POSTS, HYDRANTS AND UTILITY, AND LIGHT POLES.
8. ALL SIGN POSTS WITHIN PROJECT AREA TO BE REPLACED AND EXISTING SIGN TO BE RESET. EXISTING SIGNS LOCATED WITHIN PROPOSED PEDESTRIAN RAMPS SHALL BE RELOCATED OUTSIDE OF PEDESTRIAN RAMPS.
9. TREES TO REMAIN SHALL BE PROTECTED THROUGHOUT CONSTRUCTION.
10. GRADING AT THE BACK OF SIDEWALK AT DRIVEWAYS SHALL TIE INTO EXISTING DRIVEWAY GRADES WITH A SLOPE NOT TO EXCEED 12%.



CONFORMED SET

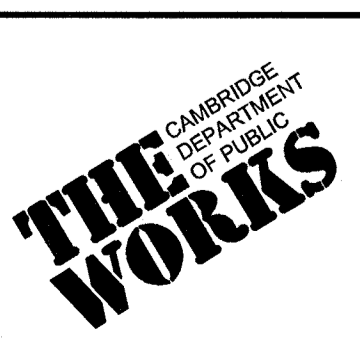
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 FRAMINGHAM, MASSACHUSETTS

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COMMONWEALTH OF MASSACHUSETTS
 REGISTERED PROFESSIONAL ENGINEER
 VINCENT W. SPADA
 SANITARY
 No. 31436

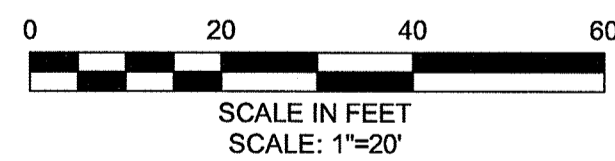
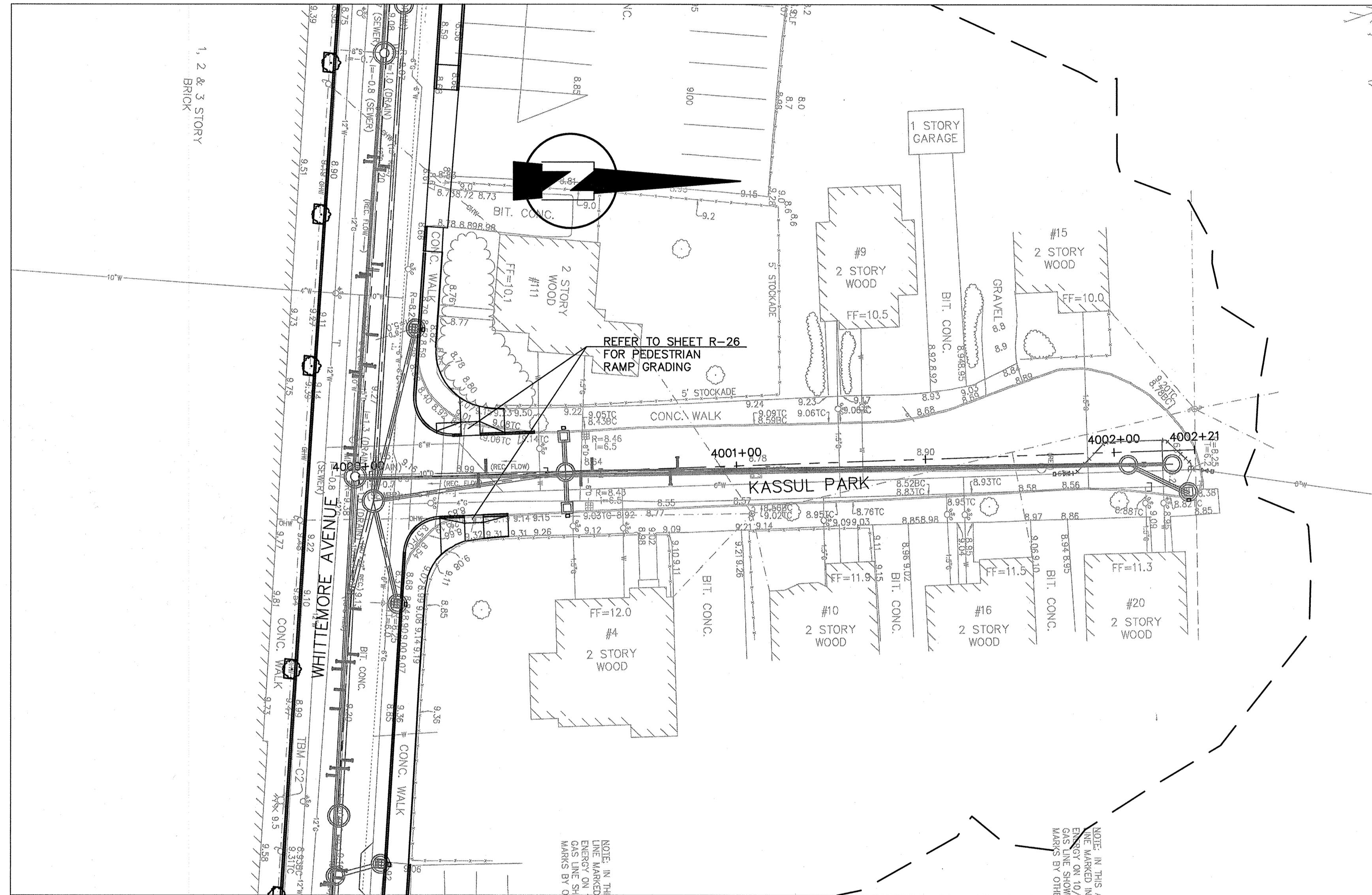
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Date	JANUARY 15, 2010		
Job No.	2008288.03-A		
Designed by	TAL		
Drawn by	TAL		
Checked by	SFJ	No.	Description
Approved by	VWS		Date
REVISIONS			



Client	CITY OF CAMBRIDGE, MA
Project	ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)
Drawing	KASSUL PARK - CONSTRUCTION PLAN STA 4000+00 TO 4002+21

Sheet	R-24
File No.	65 OF 102

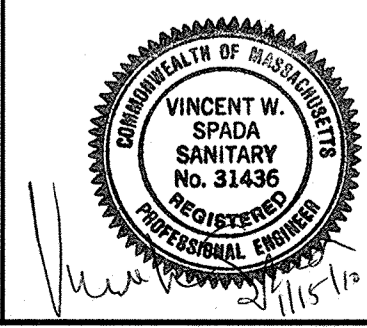
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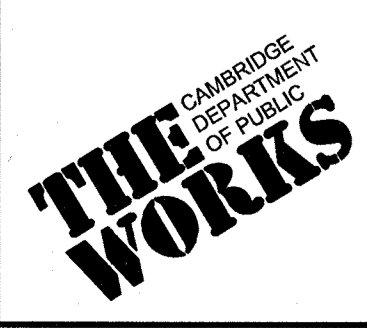
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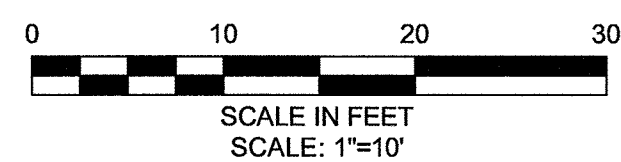
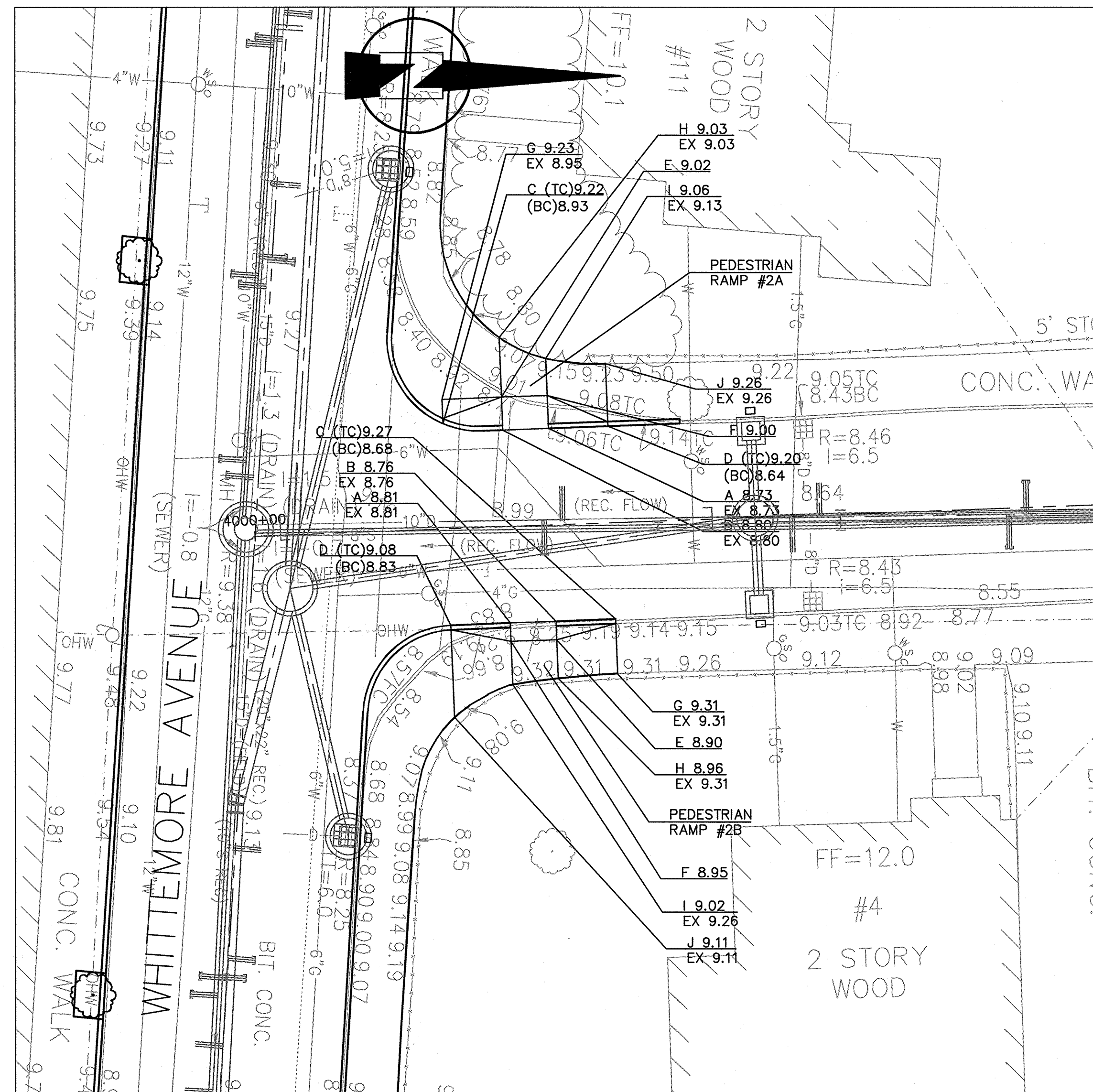
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Date	JANUARY 15, 2010		
Job No.	2008288.03-A		
Designed by	TAL		
Drawn by	TAL		
Checked by	SFJ	No.	Description
Approved by	VWS		REVISIONS



Client
 CITY OF CAMBRIDGE, MA
 Project
 ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND
 CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)
 Drawing
 KASSUL PARK - GRADING PLAN
 STA 4000+00 TO 4002+21

Sheet
R-25
 66 OF 102
 File No.

PLOT DATE: 1/14/2010 12:46:56 PM USER: BRYANT REYES FILENAME: G:_clients\Cambridge MA\2008288 - CAM 400 Sewer Separation\Civil\Kassul PK\2008288.03-Kassul grading.dwg



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VINCENT W. SPADA
 SANITARY
 No. 31436
 REGISTERED PROFESSIONAL ENGINEER

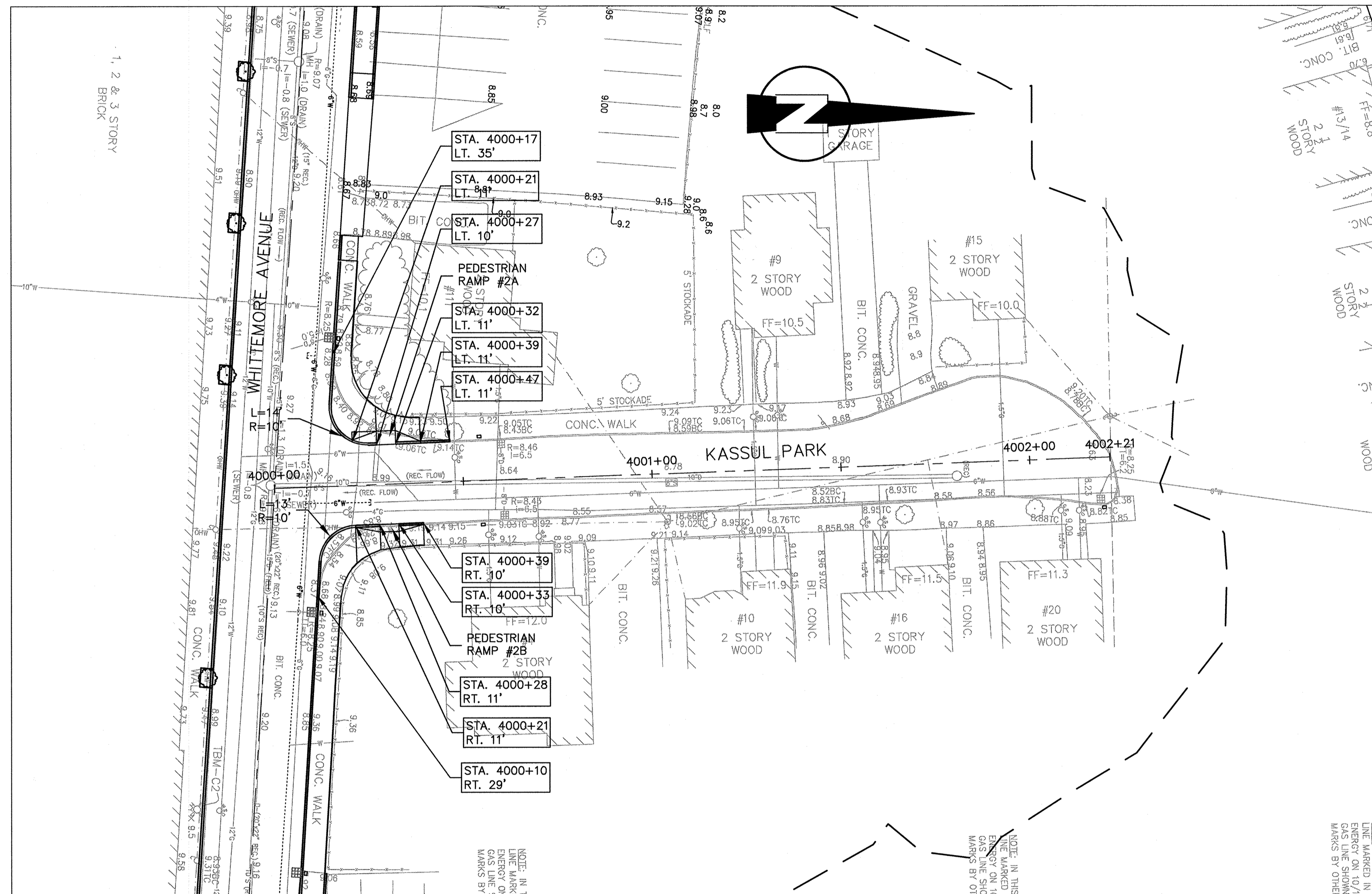
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Job No.	2008288.03-A		
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Drawn by	TAL		
Checked by	SFJ	No.	Description
Approved by	VWS		Date

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 CAMBRIDGE
 DEPARTMENT
 OF PUBLIC

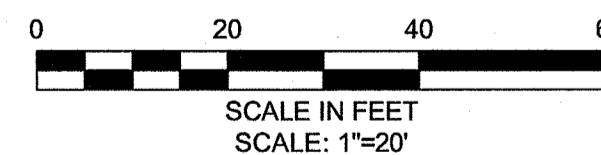
Client	CITY OF CAMBRIDGE, MA
Project	ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)
Drawing	KASSUL PARK - GRADING PLAN STA 4000+00 TO 4002+21

Sheet	R-26
File No.	67 OF 102

PLOT DATE: 1/14/2010 12:47:29 PM USER: BRYANT REYES FILENAME: G:\clients\Cambridge\MA\2008288-03-Kassul_curbtie.dwg



NOTE:
 1. LEFT AND RIGHT SIDES OF THE RAMP ARE DETERMINED BY LOOKING AT THE RAMP FROM THE ROADWAY.



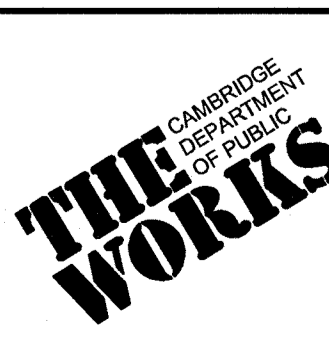
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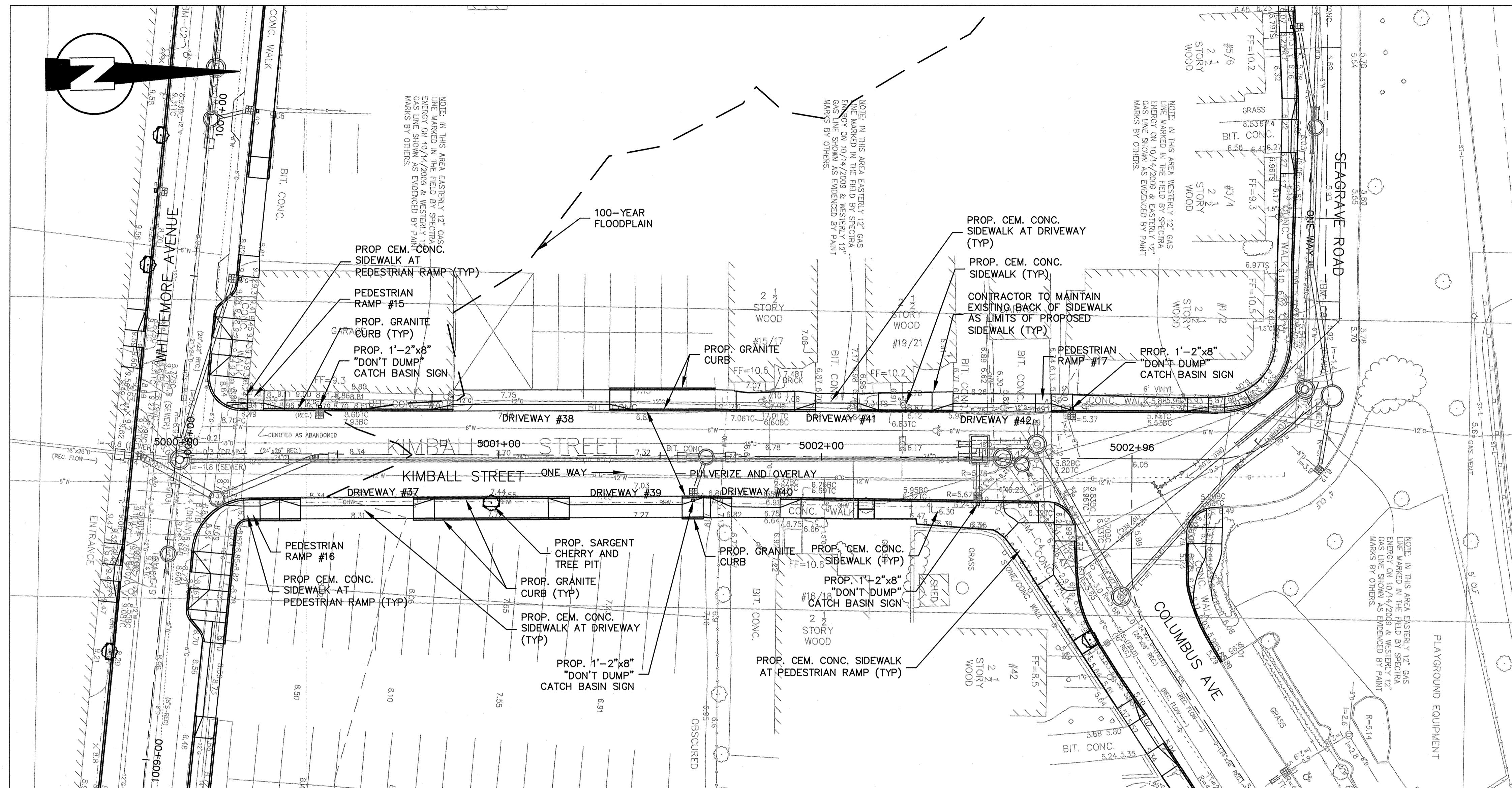
VINCENT W. SPADA
 SANITARY
 No. 51486
 PROFESSIONAL ENGINEER

Scale	AS NOTED		
Date	JANUARY 15, 2010		
Job No.	2008288.03-A		
Designed by	TAL		
Drawn by	TAL		
Checked by	SFJ	No.	Description
Approved by	VWS		Date



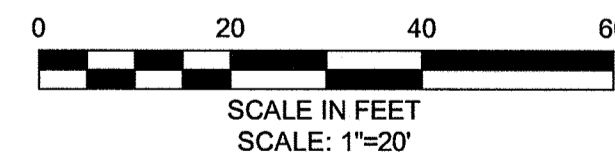
Client	CITY OF CAMBRIDGE, MA
Project	ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)
Drawing	KASSUL PARK - CURB TIE PLAN STA 4000+00 TO 4002+21

Sheet	R-27
File No.	68 OF 102



CONSTRUCTION NOTES:

1. WORK IN KIMBALL STREET SHALL MEET THE REQUIREMENTS OF THE CITY OF CAMBRIDGE DEPARTMENT OF PUBLIC WORKS.
2. SEE DETAIL SHEETS GC-8 AND GC-9 FOR CURB INSTALLATION, PEDESTRIAN RAMP AND SIDEWALK CONSTRUCTION DETAILS.
3. REFER TO DRAWINGS G-4 THRU G-7 FOR CONSTRUCTION BASELINE DRAWINGS.
4. CONTRACTOR SHALL ADJUST EXISTING UTILITY COVERS AND CASTINGS TO RE-GRADED SURFACES AT NO ADDITIONAL COST TO OWNER. THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES FOR GAS/TELECOM/CABLE/ELECTRIC.
5. ALL VERTICAL GRANITE CURBING WITHIN SIDEWALK AND PULVERIZING LIMITS SHALL BE REMOVED AND RESET UNLESS OTHERWISE NOTED.
6. CONTRACTOR TO ADJUST TREE PIT OPENINGS AS NECESSARY TO MAINTAIN A MINIMUM 3'-0" WIDE SIDEWALK BETWEEN TREE PIT AND BACK OF SIDEWALK.
7. CONTRACTOR SHALL MAINTAIN A MINIMUM DISTANCE OF 3'-0" FROM THE BACK OF SIDEWALK TO ANY OBJECT INCLUDING BUT NOT LIMITED TO; SIGN POSTS, HYDRANTS AND UTILITY, AND LIGHT POLES.
8. ALL SIGN POSTS WITHIN PROJECT AREA TO BE REPLACED AND EXISTING SIGN TO BE RESET. EXISTING SIGNS LOCATED WITHIN PROPOSED PEDESTRIAN RAMPS SHALL BE RELOCATED OUTSIDE OF PEDESTRIAN RAMPS.
9. TREES TO REMAIN SHALL BE PROTECTED THROUGHOUT CONSTRUCTION.
10. GRADING AT THE BACK OF SIDEWALK AT DRIVEWAYS SHALL TIE INTO EXISTING DRIVEWAY GRADES WITH A SLOPE NOT TO EXCEED 12%.



CONFORMED SET

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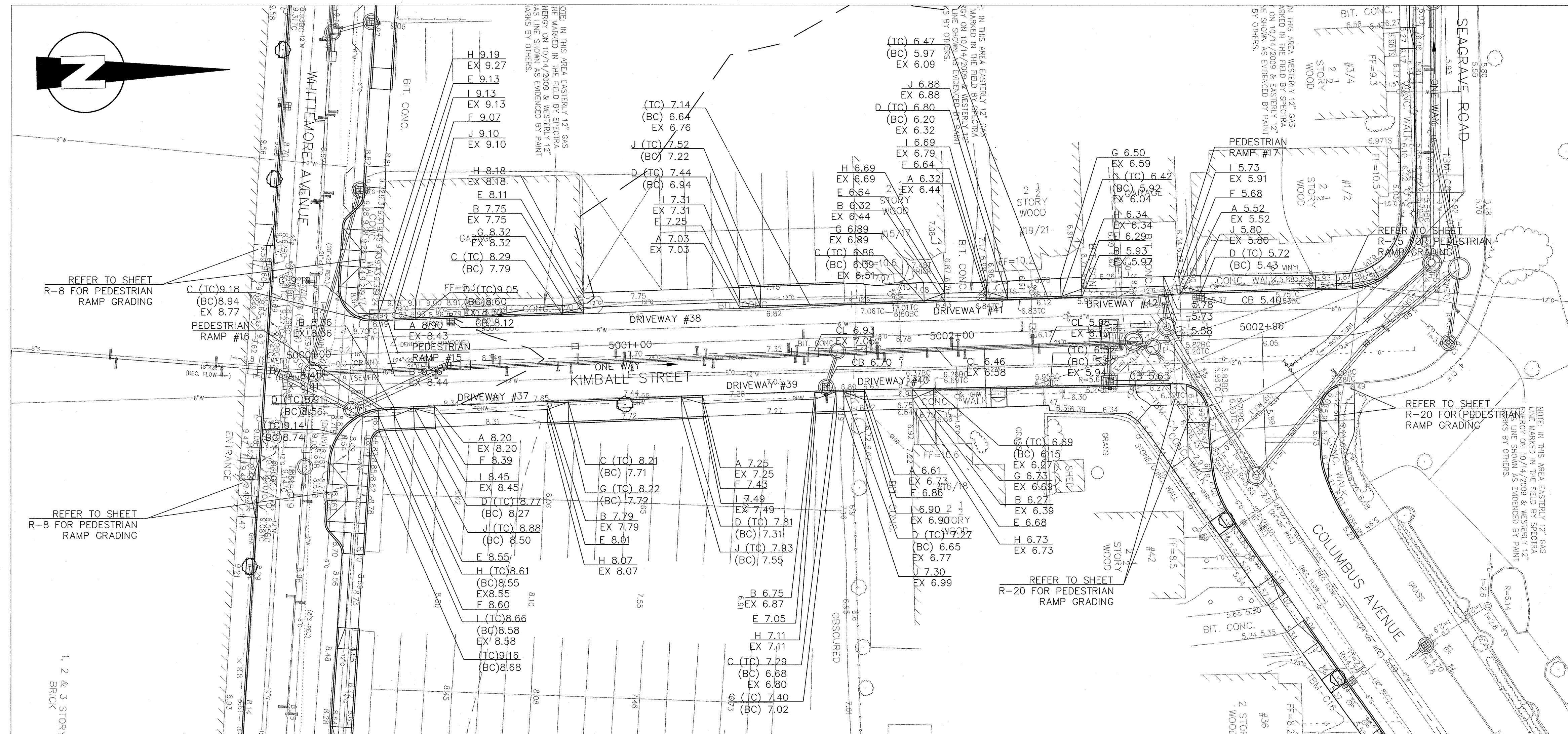
VINCENT W. SPADA
SANITARY
No. 31436
REGISTERED PROFESSIONAL ENGINEER

Scale	AS NOTED		
Date	JANUARY 15, 2010		
Job No.	2008288.03-A		
Designed by	JRM		
Drawn by	JRM		
Checked by	SFU	No.	Description
Approved by	VWS		Date

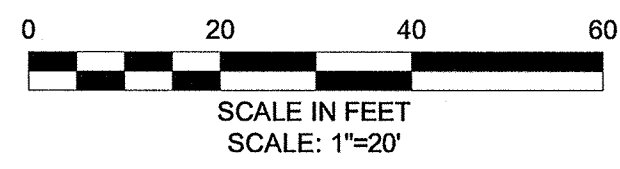


Client	CITY OF CAMBRIDGE, MA
Project	ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)
Drawing	KIMBALL STREET - CONSTRUCTION PLAN STA 5000+00 TO 5002+96

Sheet	R-28
File No.	69 OF 102



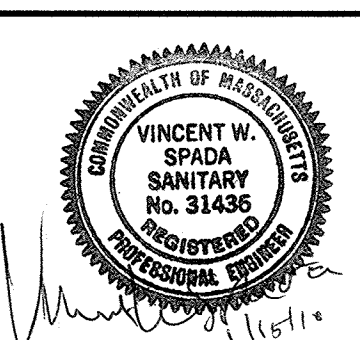
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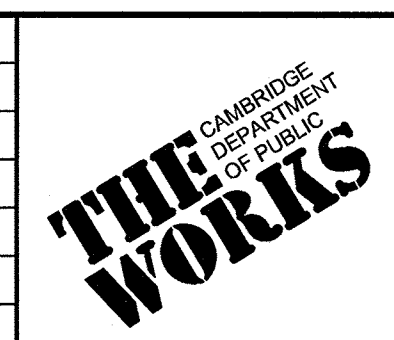
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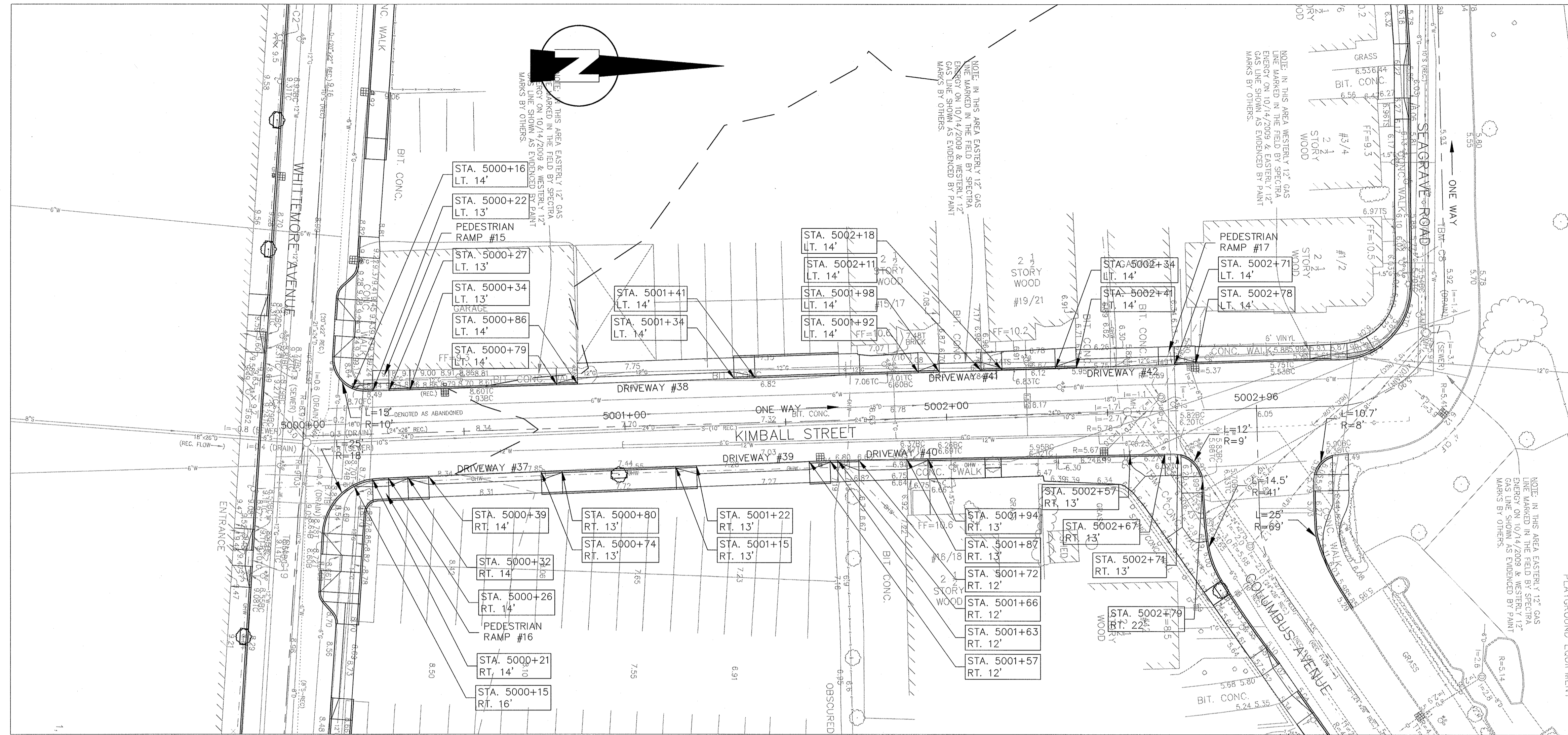


Scale	AS NOTED			
Date	JANUARY 15, 2010			
Job No.	2008288.03-A			
Designed by	JRM			
Drawn by	JRM			
Checked by	SFJ	No.	Description	Date
Approved by	VWS		REVISIONS	



Client	CITY OF CAMBRIDGE, MA
Project	ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)
Drawing	KIMBALL STREET - GRADING PLAN STA 5000+00 TO 5002+96

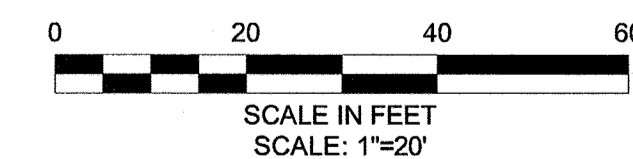
Sheet	R-29
File No.	70 OF 102



DW #	RAMP REFERENCE POINT		WIDTH OF SIDEWALK, W (FT)	WIDTH OF OPENING (FT)	TRANSITION LENGTH	
	STATION	OFFSET			*LEFT SIDE	*RIGHT SIDE
37	5000+57	RT	6.5	35.0	6'-6"	6'-6"
38	5001+10	LT	6.5	48.5	6'-6"	6'-6"
39	5001+40	RT	6.5	35.0	6'-6"	6'-6"
40	5001+80	RT	6.2	15.0	6'-6"	6'-6"
41	5002+05	LT	5.5	13.0	6'-6"	6'-6"
42	5002+56	LT	5.5	30.6	6'-6"	6'-6"

NOTE:

- LEFT AND RIGHT SIDES OF THE RAMP ARE DETERMINED BY LOOKING AT THE RAMP FROM THE ROADWAY.



CONFORMED SET

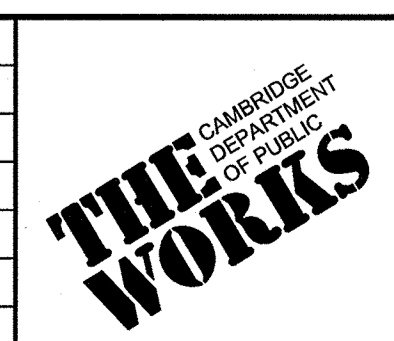
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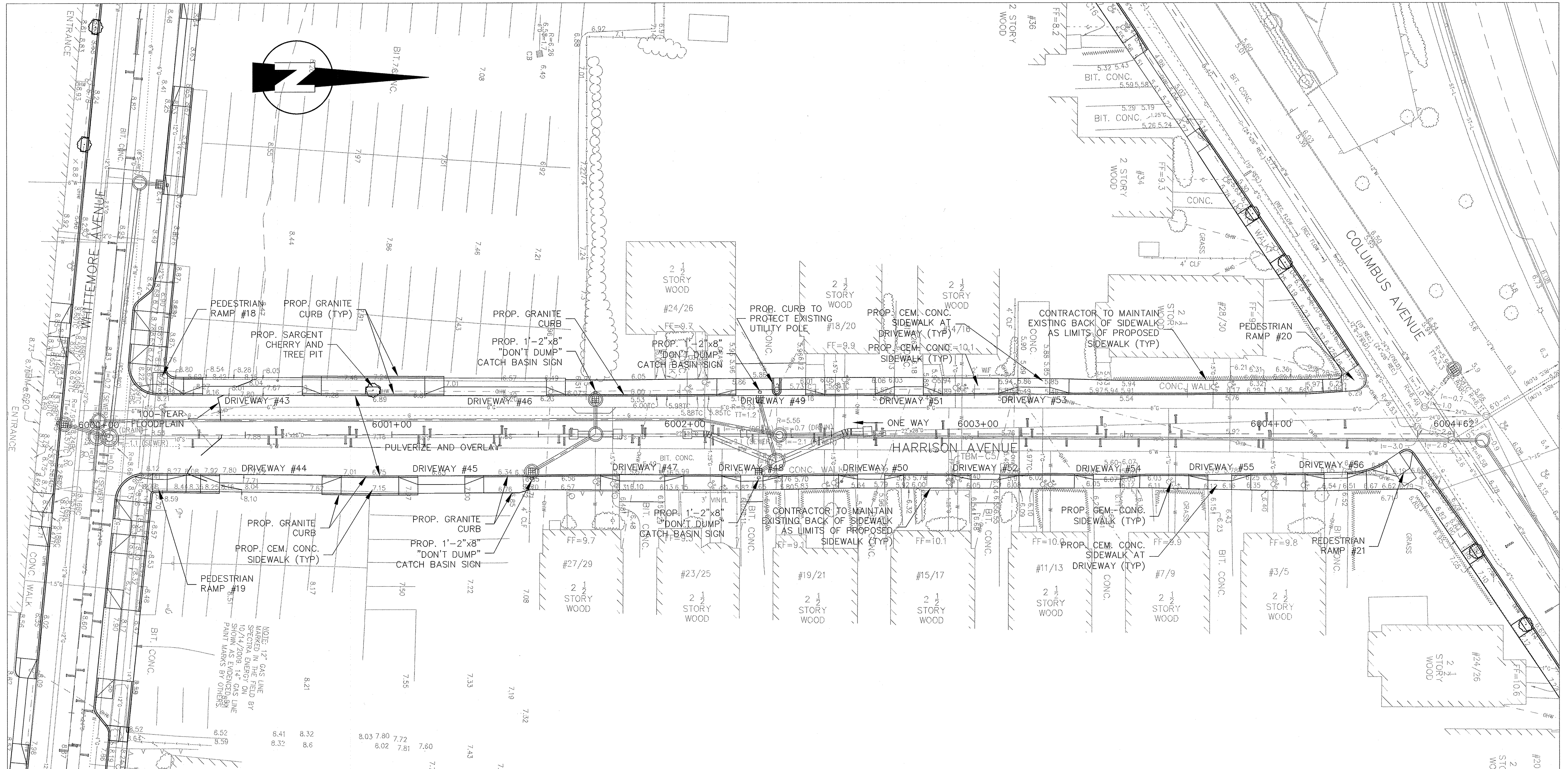
VINCENT W. SPADA
SANITARY
No. 51436
PROFESSIONAL ENGINEER

Scale	AS NOTED			
Date	JANUARY 15, 2010			
Job No.	2008288.03-A			
Designed by	JRM			
Drawn by	JRM			
Checked by	SFJ	No.	Description	Date
Approved by	VWS		REVISIONS	

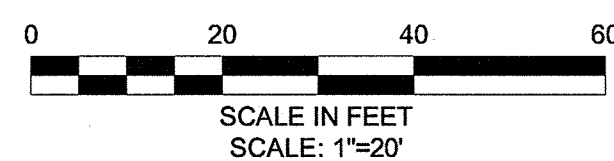


Client	CITY OF CAMBRIDGE, MA
Project	ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)
Drawing	KIMBALL STREET - CURB TIE PLAN STA 5000+00 TO 5002+96

Sheet	R-30
File No.	71 OF 102



- CONSTRUCTION NOTES:**
1. WORK IN HARRISON AVENUE SHALL MEET THE REQUIREMENTS OF THE CITY OF CAMBRIDGE DEPARTMENT OF PUBLIC WORKS.
 2. SEE DETAIL SHEETS GC-8 AND GC-9 FOR CURB INSTALLATION, PEDESTRIAN RAMP AND SIDEWALK CONSTRUCTION DETAILS.
 3. REFER TO DRAWINGS G-4 THRU G-7 FOR CONSTRUCTION BASELINE DRAWINGS.
 4. CONTRACTOR SHALL ADJUST EXISTING UTILITY COVERS AND CASTINGS TO RE-GRADED SURFACES AT NO ADDITIONAL COST TO OWNER. THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES FOR GAS/TELECOM/CABLE/ELECTRIC.
 5. ALL VERTICAL GRANITE CURBING WITHIN SIDEWALK AND PULVERIZING LIMITS SHALL BE REMOVED AND RESET UNLESS OTHERWISE NOTED.
 6. CONTRACTOR TO ADJUST TREE PIT OPENINGS AS NECESSARY TO MAINTAIN A MINIMUM 3'-0" WIDE SIDEWALK BETWEEN TREE PIT AND BACK OF SIDEWALK.
 7. CONTRACTOR SHALL MAINTAIN A MINIMUM DISTANCE OF 3'-0" FROM THE BACK OF SIDEWALK TO ANY OBJECT INCLUDING BUT NOT LIMITED TO; SIGN POSTS, HYDRANTS AND UTILITY, AND LIGHT POLES.
 8. ALL SIGN POSTS WITHIN PROJECT AREA TO BE REPLACED AND EXISTING SIGN TO BE RESET. EXISTING SIGNS LOCATED WITHIN PROPOSED PEDESTRIAN RAMPS SHALL BE RELOCATED OUTSIDE OF PEDESTRIAN RAMPS.
 9. TREES TO REMAIN SHALL BE PROTECTED THROUGHOUT CONSTRUCTION.
 10. GRADING AT THE BACK OF SIDEWALK AT DRIVEWAYS SHALL TIE INTO EXISTING DRIVEWAY GRADES WITH A SLOPE NOT TO EXCEED 12%.

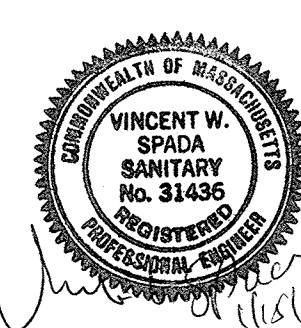


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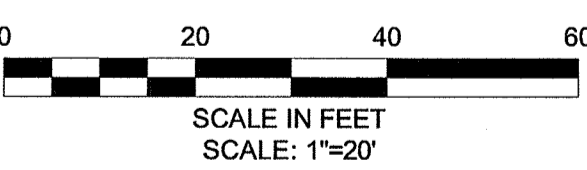
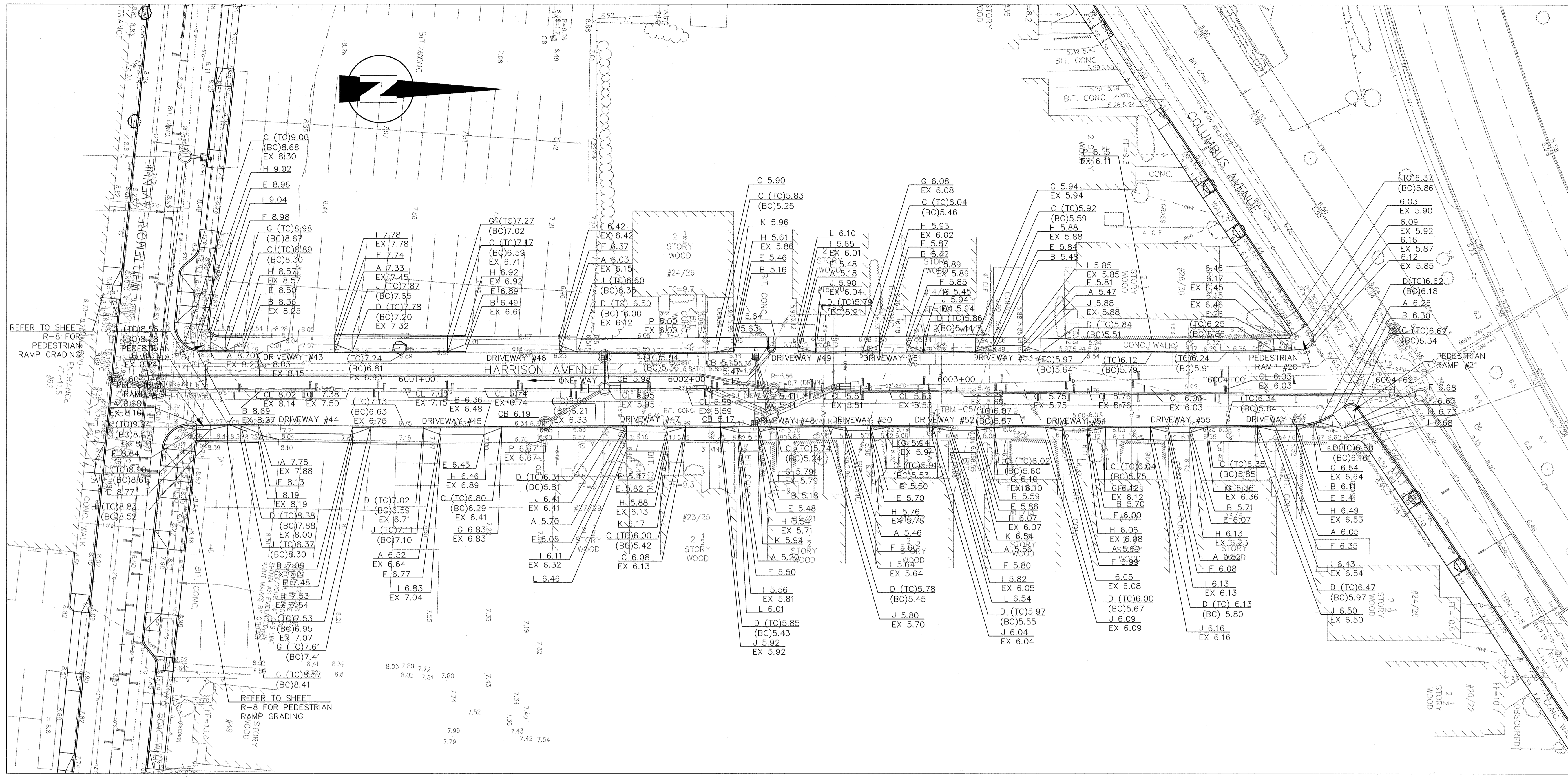
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Job No.	2008288-03-A		
Designed by	TAL		
Drawn by	TAL		
Checked by	SFJ	No.	Description
Approved by	JUS		Date



Client	CITY OF CAMBRIDGE, MA
Project	ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)
Drawing	HARRISON AVENUE - CONSTRUCTION PLAN STA 6000+00 TO 6004+62

Sheet	R-31
File No.	72 OF 102

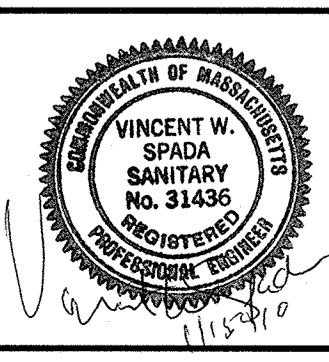
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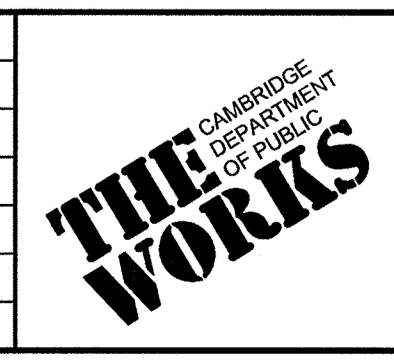
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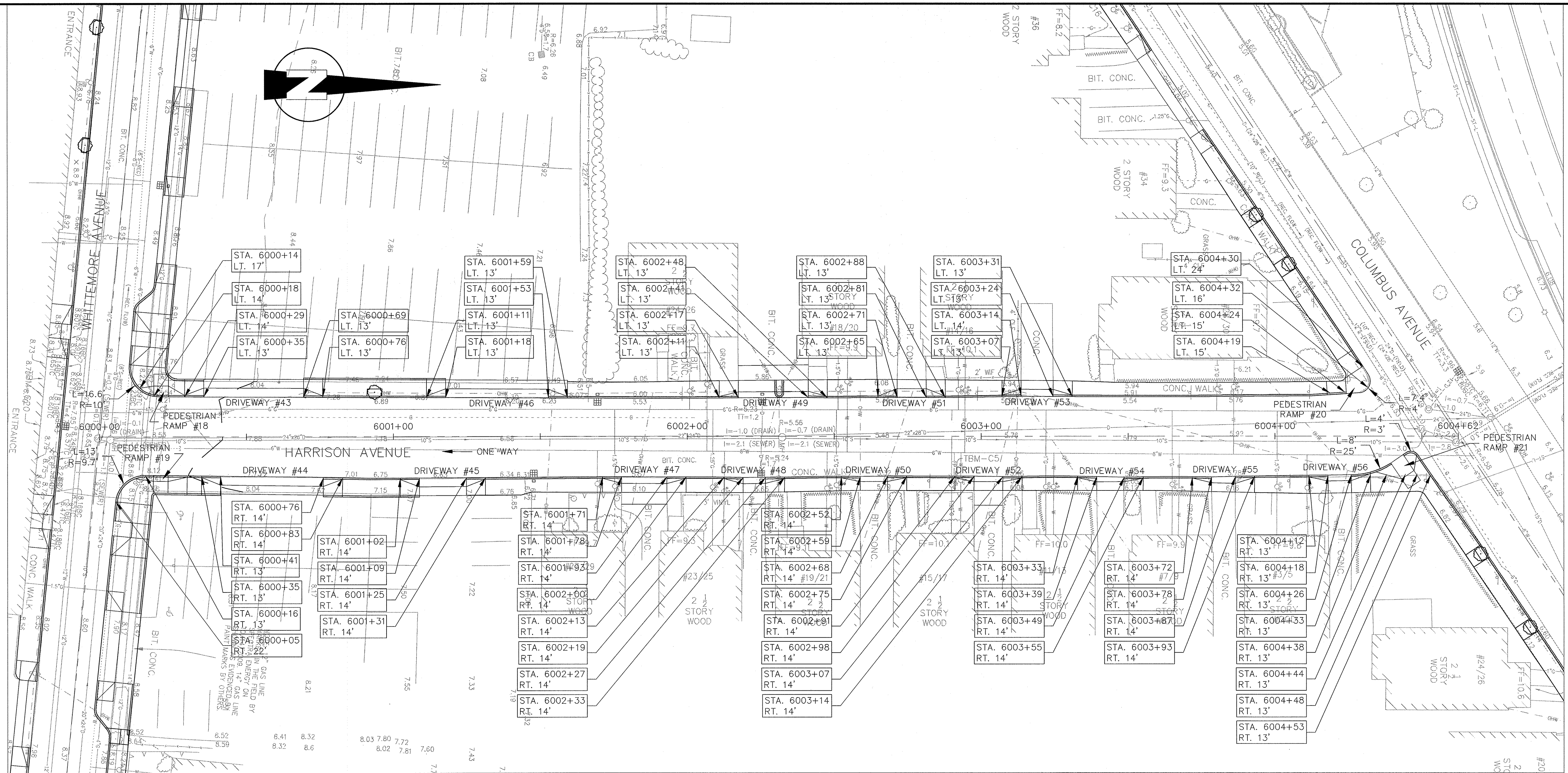


Scale	AS NOTED			
Date	JANUARY 15, 2010			
Job No.	2008288.03-A			
Designed by	TAL			
Drawn by	TAL			
Checked by	SFJ	No.	Description	Date
Approved by	VWS		REVISIONS	



Client	CITY OF CAMBRIDGE, MA
Project	ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)
Drawing	HARRISON AVENUE - GRADING PLAN STA 6000+00 TO 6004+62

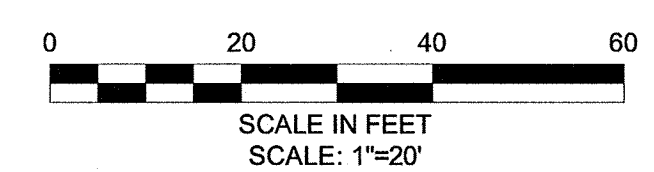
Sheet	R-32
File No.	73 OF 102



DW #	RAMP REFERENCE POINT		WIDTH OF SIDEWALK, W (FT)	WIDTH OF OPENING (FT)	TRANSITION LENGTH	
	STATION	OFFSET			*LEFT SIDE	*RIGHT SIDE
43	6000+52	LT	5.5	34	6'-6"	6'-6"
44	6000+62	RT	6.0	35	6'-6"	6'-6"
45	6001+17	RT	6.0	16	6'-6"	6'-6"
46	6001+36	LT	5.5	35	6'-6"	6'-6"
47	6001+85	RT	5.3	15.4	6'-6"	6'-6"
48	6002+23	RT	5.1	7.6	6'-6"	6'-6"
49	6002+29	LT	5.9	23.8	6'-6"	6'-6"

DW #	RAMP REFERENCE POINT		WIDTH OF SIDEWALK, W (FT)	WIDTH OF OPENING (FT)	TRANSITION LENGTH	
	STATION	OFFSET			*LEFT SIDE	*RIGHT SIDE
50	6002+64	RT	4.9	9.3	6'-6"	6'-6"
51	6002+76	LT	6.1	9.9	6'-6"	6'-6"
52	6003+03	RT	4.9	9.8	6'-6"	6'-6"
53	6003+19	LT	5.4	10.9	6'-6"	6'-6"
54	6003+44	RT	4.6	9.4	6'-6"	6'-6"
55	6003+83	RT	5.0	8.1	6'-6"	6'-6"
56	6004+22	RT	6.0	7.9	6'-6"	6'-6"

NOTE:
1. LEFT AND RIGHT SIDES OF THE RAMP ARE DETERMINED BY LOOKING AT THE RAMP FROM THE ROADWAY.



CONFORMED SET

PLOT DATE: 1/14/2010 12:59:10 PM USER: BRYANT REYES FILENAME: G:\clients\Cambridge MA\2008288 - CAM 400 Sewer Separation\Civil\Harrison Ave\2008288.03-Harrison curbing.dwg

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OF PUBLIC
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Scale	AS NOTED			
Date	JANUARY 15, 2010			
Job No.	2008288.03-A			
Designed by	TAL			
Drawn by	TAL			
Checked by	SFJ	No.	Description	Date
Approved by	VWS		REVISIONS	

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