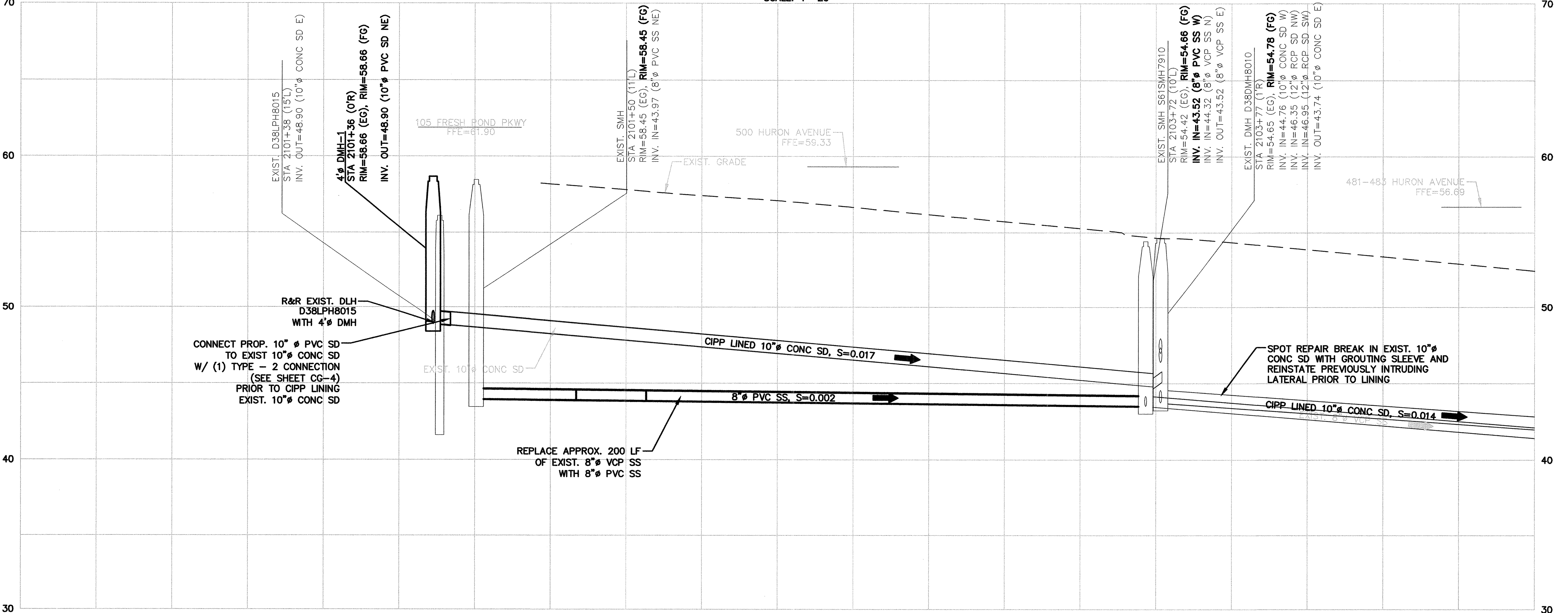
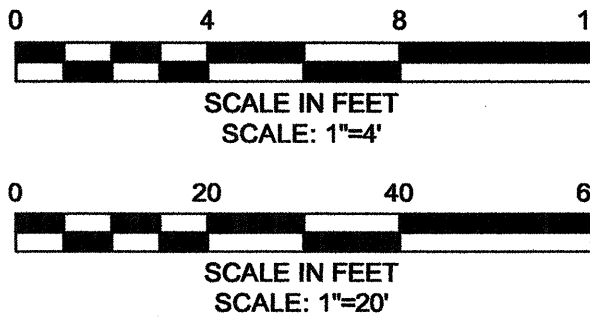


PLAN
SCALE: 1"=20'

- NOTES:
- SEWER WORK ON HURON AVENUE ALONG LARCH ROAD CROSS STREET TO BE DONE BY OTHERS UNDER CONTRACT 8A.
 - FOR PROPOSED SURFACE RESTORATION, REFER TO ROADWAY SHEETS.
 - IN ADDITION TO THOSE ILLICIT BUILDING LATERALS IDENTIFIED IN THE PLAN, THE FOLLOWING ADDRESSES HAVE BEEN IDENTIFIED AS HAVING ILLICIT SANITARY CONNECTIONS TO EXISTING OR PROPOSED STORM DRAINS THROUGH THE PROCESS OF DYE-TESTING AND BUILDING INSPECTION: 105 FRESH POND PARKWAY, 483 HURON AVENUE, 503 HURON AVENUE. CONTRACTOR TO REDIRECT THESE ILLICIT CONNECTIONS TO THE SANITARY SEWER. FOR PROPERTIES SOUTH OF THE 40" WATER LINE, INSTALL CLEANOUTS AND CIPP LINER IN LATERAL TO PROPERTY LINE PER DETAIL 48, ON CG 32.
 - CIPP LINING OF SEWERS AND DRAINS SHALL BE COMPLETED AFTER INSTALLATION OF THE PROPOSED PIPES AND MANHOLES. LINING SHALL BE FROM MANHOLE TO MANHOLE.
 - TEST PIT TO ASSESS WATER MAIN PRIOR TO REDIRECTING ILLICIT SERVICE CONNECTION. REFER TO SPEC 01200 AND 02160 FOR ADDITIONAL REQUIREMENTS.

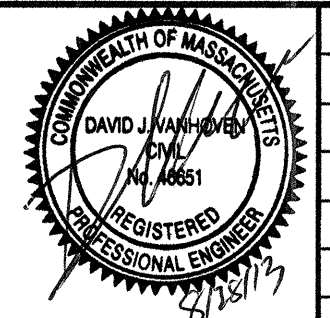


PROFILE
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'

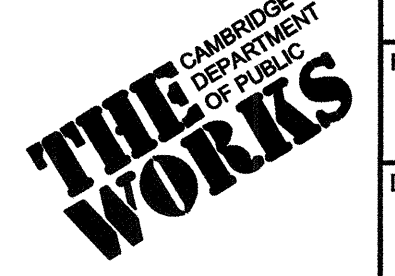


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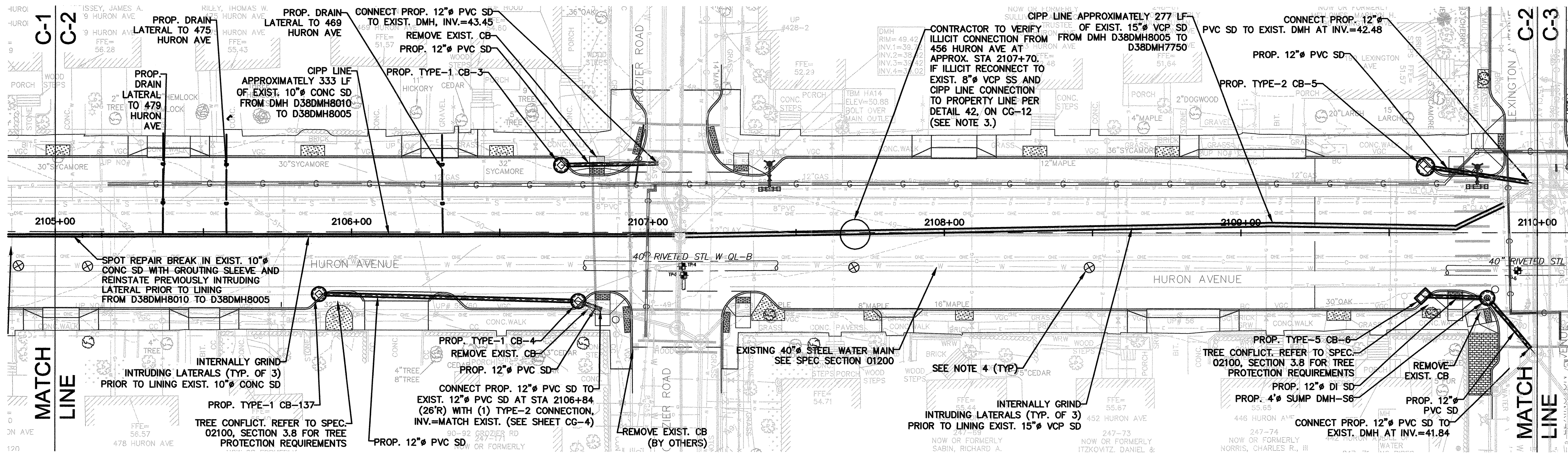


Scale	AS NOTED
Date	APRIL 17, 2013
Job No.	10501113
Designed by	AMF
Drawn by	MELNFT
Checked by	BCT
Approved by	MMC



Client	CITY OF CAMBRIDGE, MASSACHUSETTS
Project	HURON B SEWER SEPARATION PROJECT CONTRACT NO. 8B
Drawing	CIVIL - PLAN AND PROFILE HURON AVE STA 2100+00 TO STA 2105+00

Sheet	C-1
File No.	6089



PLAN

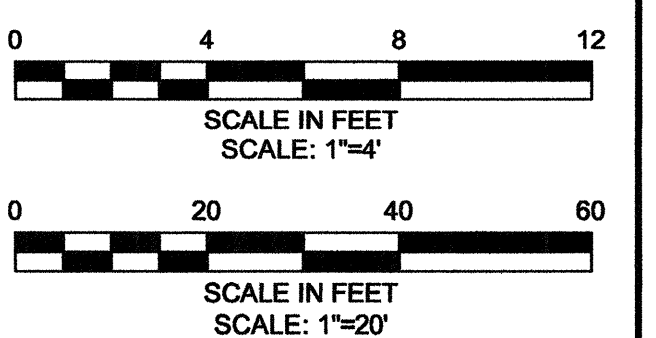
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PROFILE

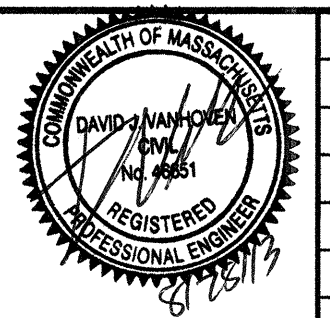
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'

- NOTES:**
1. WORK ON HURON AVENUE ALONG GROZIER ROAD AND LEXINGTON AVENUE CROSS STREETS TO BE DONE BY OTHERS UNDER CONTRACT 8A.
 2. IN ADDITION TO THOSE ILLICIT BUILDING LATERALS IDENTIFIED IN THE PLAN, THE FOLLOWING ADDRESSES HAVE BEEN IDENTIFIED AS HAVING ILLICIT SANITARY CONNECTIONS TO EXISTING OR PROPOSED STORM DRAINS THROUGH THE PROCESS OF DYE-TESTING AND BUILDING INSPECTION: 190 LEXINGTON AVENUE, 452 HURON AVENUE, 478 HURON AVENUE. CONTRACTOR TO REDIRECT THESE ILLICIT CONNECTIONS TO THE SANITARY SEWER. FOR PROPERTIES SOUTH OF THE 40" WATER LINE, INSTALL CLEANOUTS AND CIPP LINER IN LATERAL TO PROPERTY LINE PER DETAIL 48, ON CG 32.
 3. CIPP LINING SHALL BE COMPLETED AFTER INSTALLATION OF THE PROPOSED PIPES AND MANHOLES. LINING SHALL BE FROM MANHOLE TO MANHOLE.
 4. TEST PIT TO ASSESS WATER MAIN PRIOR TO REDIRECTING ILLICIT SERVICE CONNECTION. REFER TO SPEC 01200 AND 02160 FOR ADDITIONAL REQUIREMENTS.



CONFORMED SET

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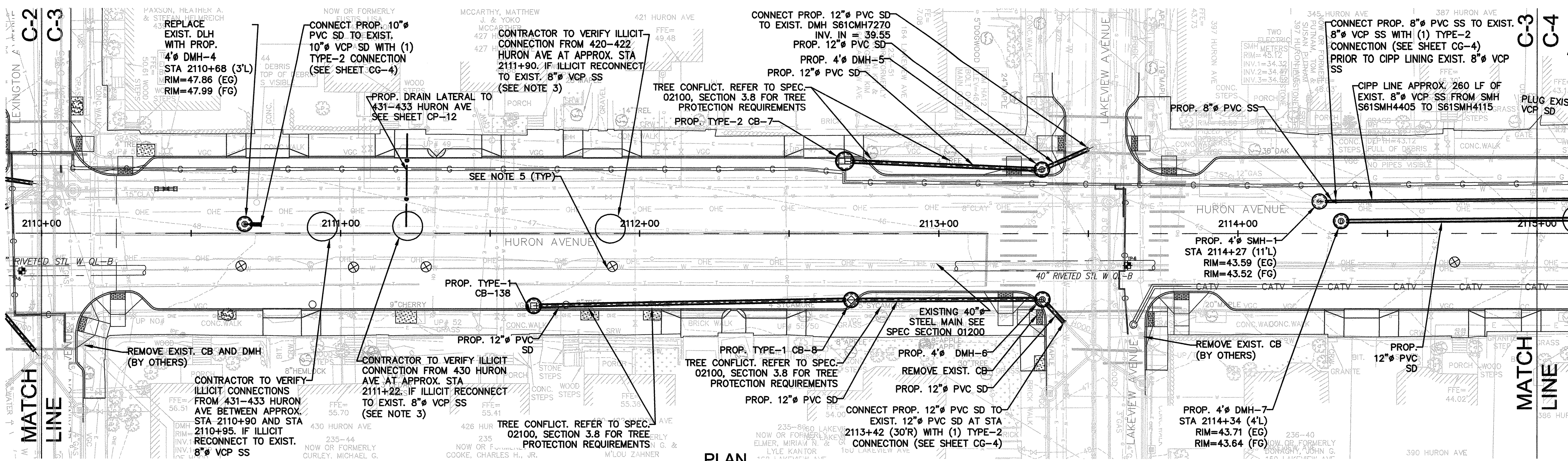


Scale	AS NOTED
Date	APRIL 17, 2013
Job No.	10501113
Designed by	AMF
Drawn by	MELNFT
Checked by	BCT
Approved by	MMC

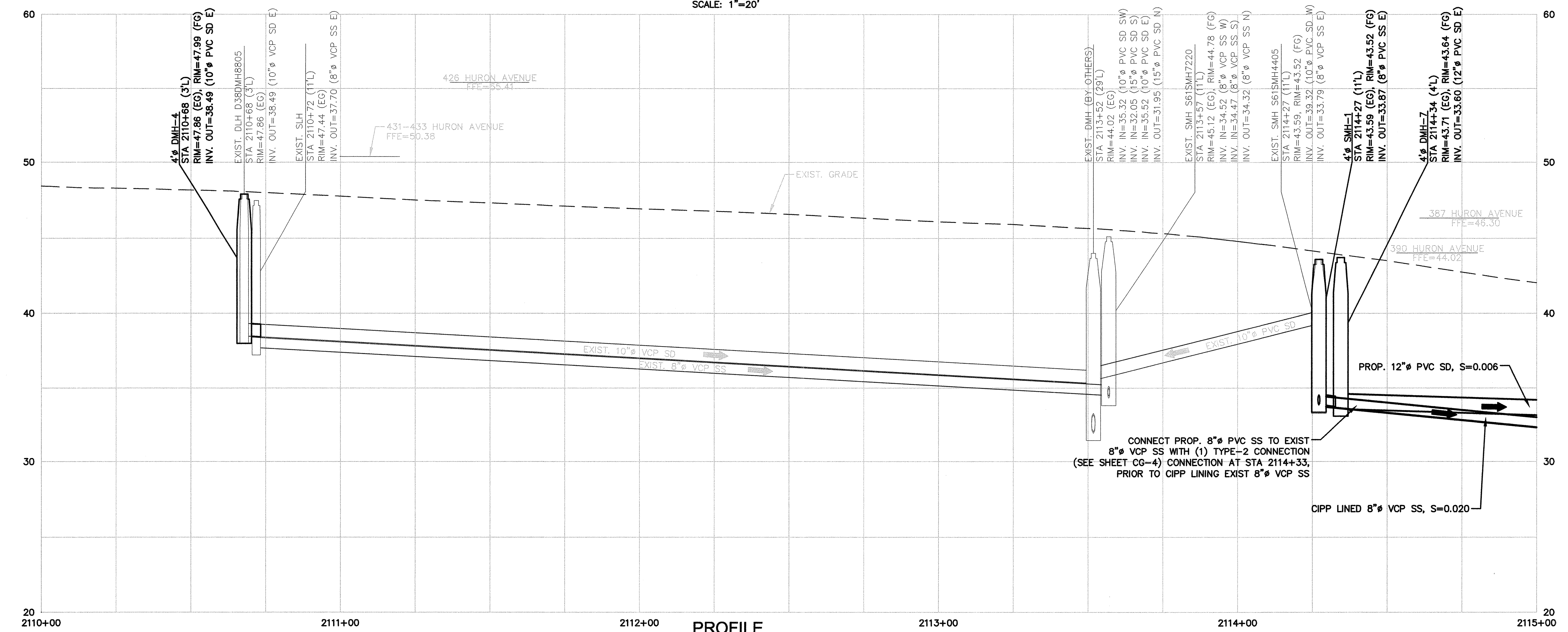


Client	CITY OF CAMBRIDGE, MASSACHUSETTS
Project	HURON B SEWER SEPARATION PROJECT CONTRACT NO. 8B
Drawing	CIVIL - PLAN AND PROFILE HURON AVE STA 2105+00 TO STA 2110+00

Sheet	C-2
File No.	6089

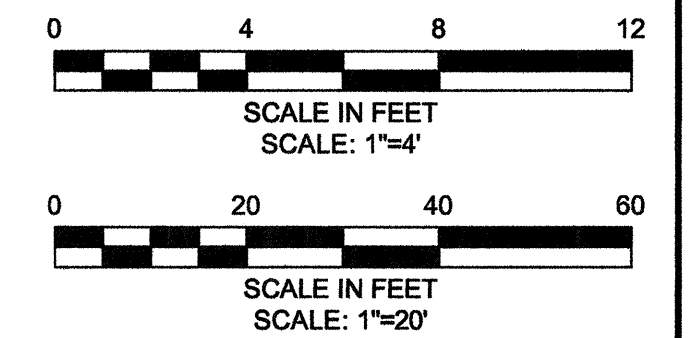


PLAN
SCALE: 1"=20'



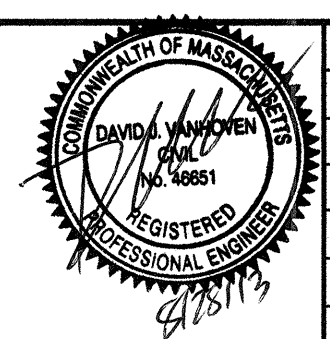
PROFILE
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'

- NOTES:**
1. WORK ON HURON AVENUE ALONG LEXINGTON AVENUE AND LAKEVIEW AVENUE CROSS STREETS TO BE DONE BY OTHERS UNDER CONTRACT 8A.
 2. IN ADDITION TO THOSE ILICIT BUILDING LATERALS IDENTIFIED IN THE PLAN, THE FOLLOWING ADDRESSES HAVE BEEN IDENTIFIED AS HAVING ILICIT SANITARY CONNECTIONS TO EXISTING OR PROPOSED STORM DRAINS THROUGH THE PROCESS OF DYE-TESTING AND BUILDING INSPECTION: 292-294 HURON AVENUE, 386 HURON AVENUE, 428 HURON AVENUE, 429 HURON AVENUE, 434 HURON AVENUE. CONTRACTOR TO REDIRECT THESE ILICIT CONNECTIONS TO THE SANITARY SEWER. FOR PROPERTIES SOUTH OF THE 40" WATER LINE, INSTALL CLEANOUTS AND CIPP LINER IN LATERAL TO PROPERTY LINE PER DETAIL 48, ON CG 32.
 3. CIPP INSTALLATION SHALL BE COMPLETED AFTER INSTALLATION OF THE PROPOSED PIPES AND MANHOLES. LINING SHALL BE FROM MANHOLE TO MANHOLE.
 4. VERIFY CONDITION OF 8" VCP SANITARY SEWER AND 10" VCP STORM DRAIN BY CCTV.
 5. TEST PIT TO ASSESS WATER MAIN PRIOR TO REDIRECTING ILICIT SERVICE CONNECTION. REFER TO SPEC 01200 AND 02160 FOR ADDITIONAL REQUIREMENTS.



CONFORMED SET

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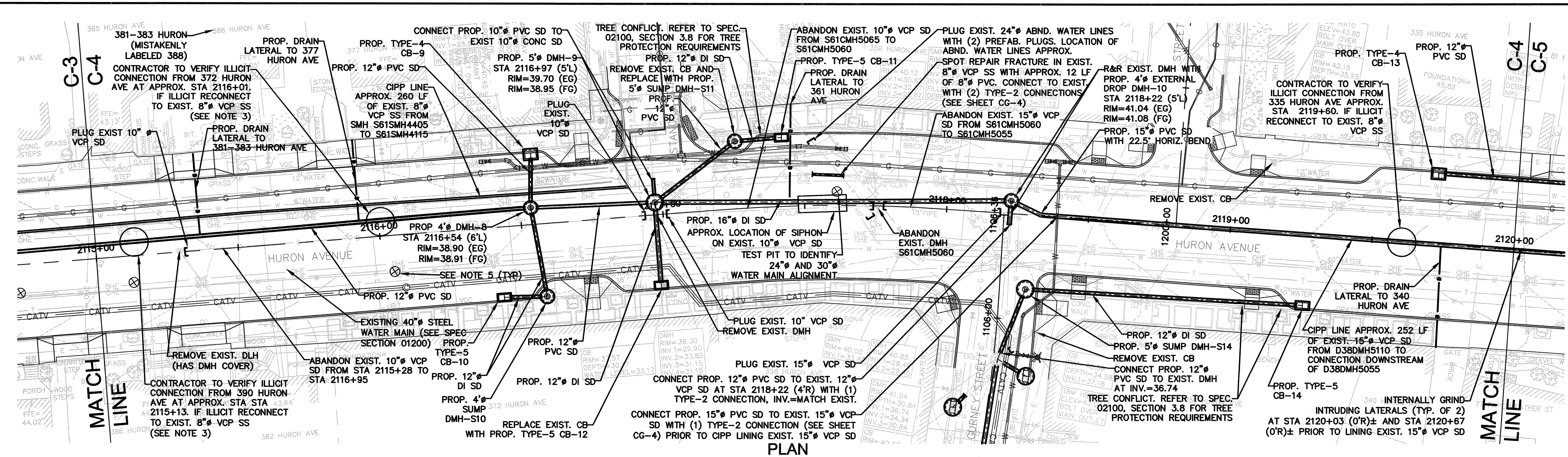
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Date	APRIL 17, 2013		
Job No.	10501113		
Designed by	AMF		
Drawn by	MELNFT		
Checked by	BCT	No.	Description
Approved by	MMC		REVISIONS



Client	CITY OF CAMBRIDGE, MASSACHUSETTS
Project	HURON B SEWER SEPARATION PROJECT CONTRACT NO. 8B
Drawing	CIVIL - PLAN AND PROFILE HURON AVE STA 2110+00 TO STA 2115+00

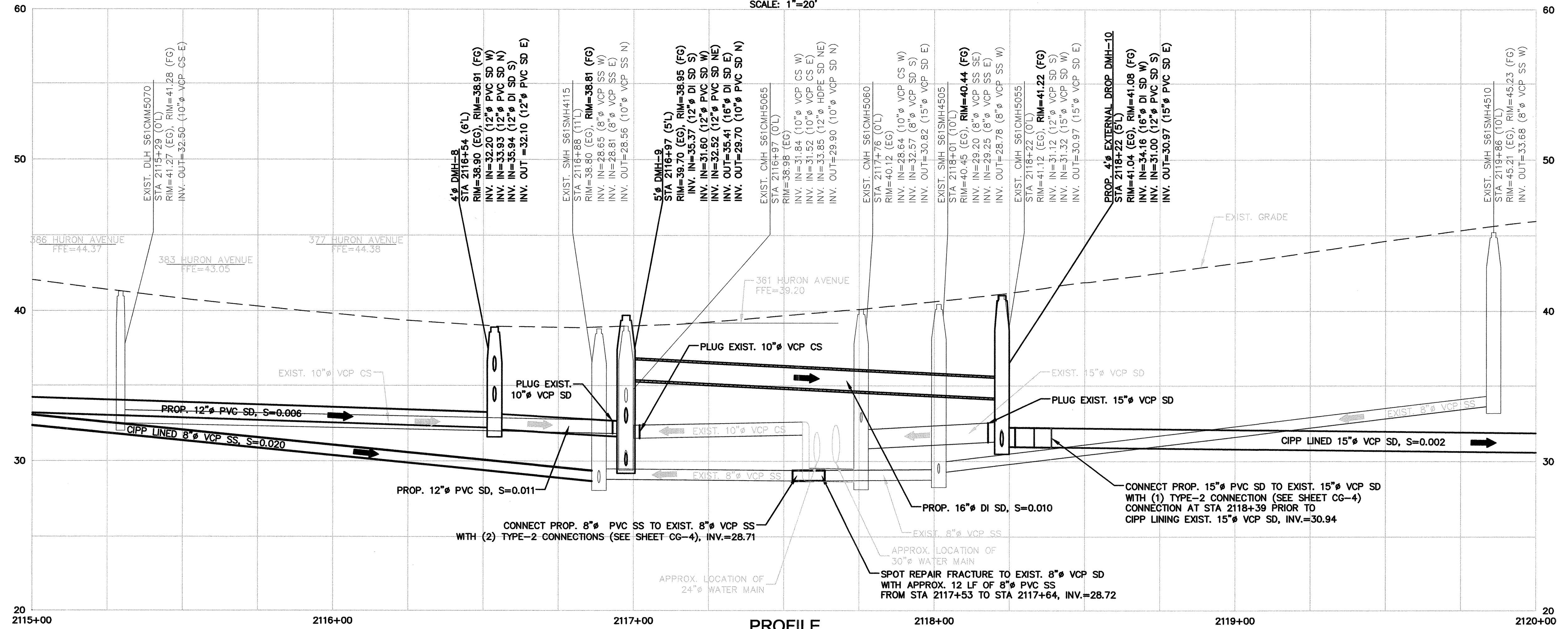
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File No.	6089

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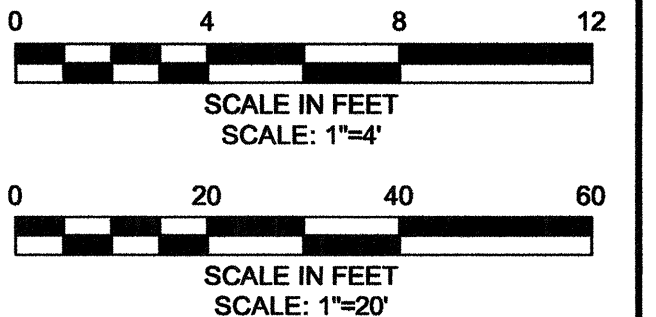


- NOTES:**
1. WORK ON HURON ALONG STANDISH TO BE DONE BY OTHERS UNDER CONTRACT 8A.
 2. STA 2116+90 TO STA 2120+00: REFER TO SPEC 02160 FOR EXCAVATION SUPPORT ADJACENT TO EXIST. 40-INCH AND 30-INCH WATER MAINS.
 3. IN ADDITION TO THOSE ILLICIT BUILDING LATERALS IDENTIFIED IN THE PLAN, THE FOLLOWING ADDRESS HAS BEEN IDENTIFIED AS HAVING ILLICIT SANITARY CONNECTIONS TO EXISTING OR PROPOSED STORM DRAINS THROUGH THE PROCESS OF DYE-TESTING AND BUILDING INSPECTION: 385 HURON AVE. CONTRACTOR TO REDIRECT THESE ILLICIT CONNECTIONS TO THE SANITARY SEWER. FOR PROPERTIES SOUTH OF THE 40" WATER LINE, INSTALL CLEANOUTS AND CIPP LINER IN LATERAL TO PROPERTY LINE PER DETAIL 48, ON CG 32.
 4. CIPP LINING SHALL BE COMPLETED AFTER INSTALLATION OF THE PROPOSED PIPES AND MANHOLES. LINING SHALL BE FROM MANHOLE TO MANHOLE.
 5. TEST PIT TO ASSESS WATER MAIN PRIOR TO REDIRECTING ILLICIT SERVICE CONNECTION. REFER TO SPEC 01200 AND 02160 FOR ADDITIONAL REQUIREMENTS.

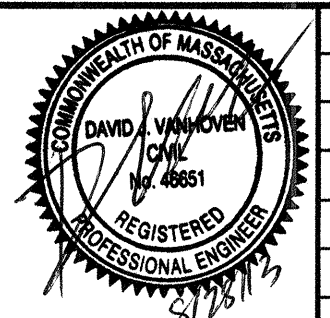
PLAN
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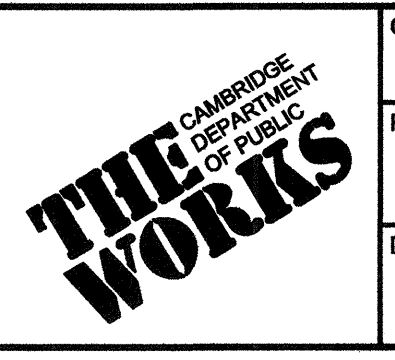
PROFILE
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'



CONFORMED SET

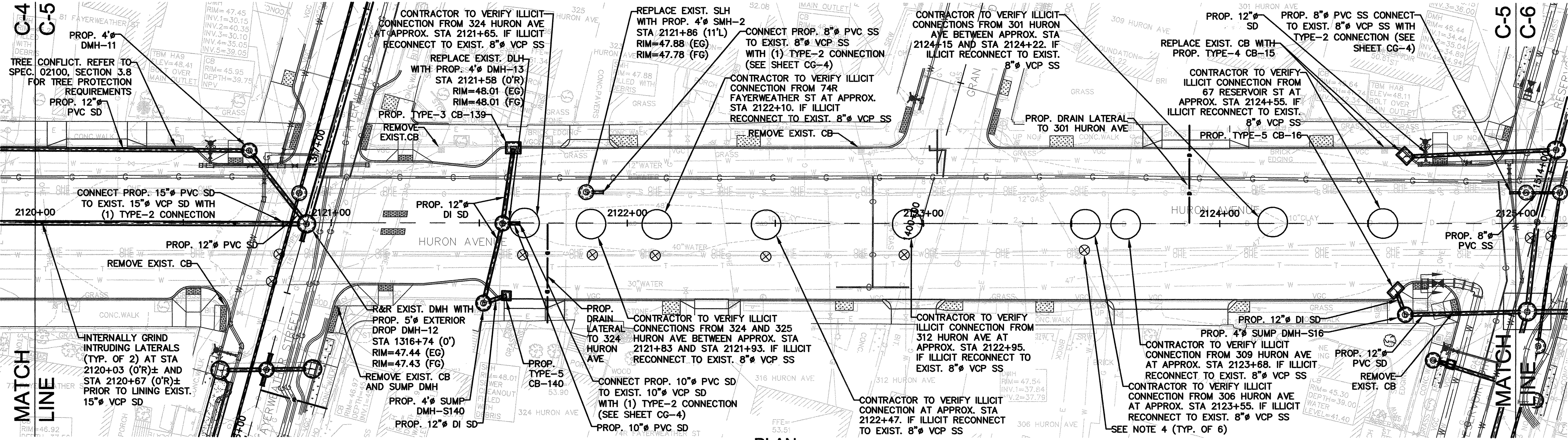


Scale	AS NOTED
Date	APRIL 17, 2013
Job No.	10501113
Designed by	AMF
Drawn by	MELNFT
Checked by	BCT
Approved by	MMC



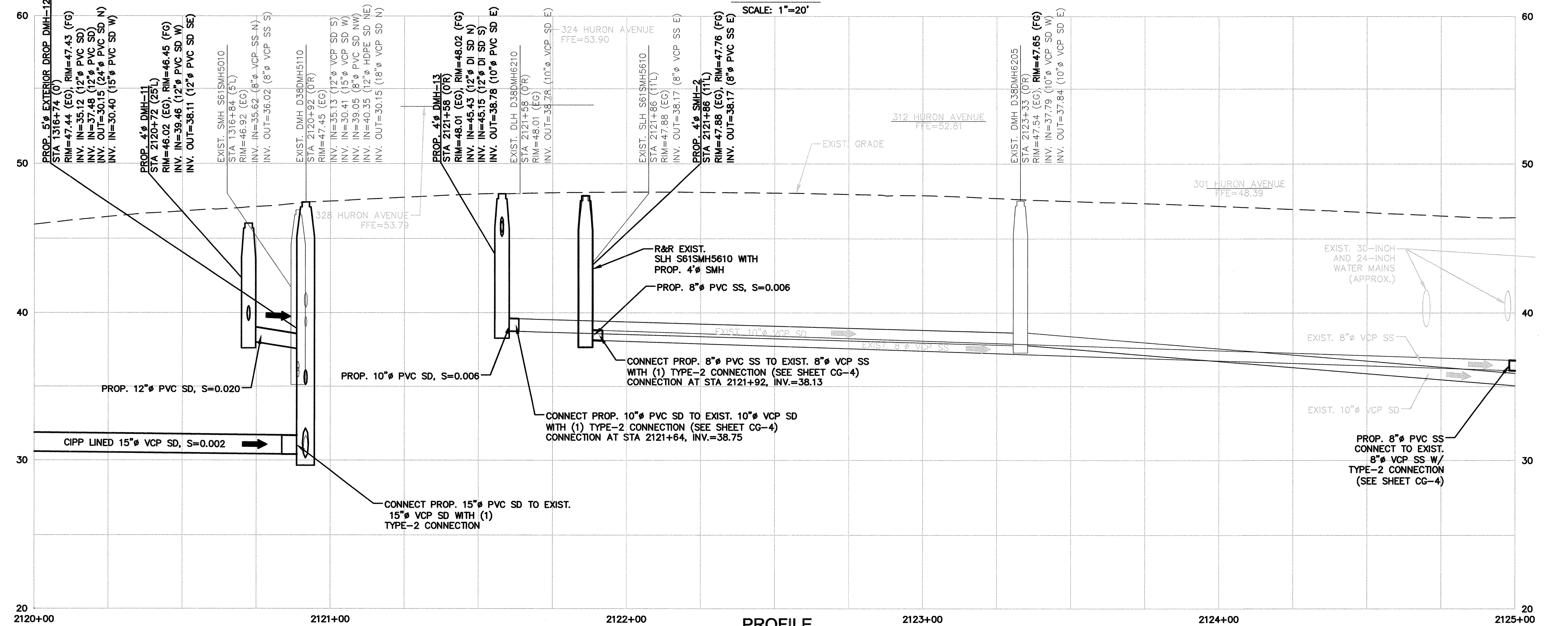
Client	CITY OF CAMBRIDGE, MASSACHUSETTS
Project	HURON B SEWER SEPARATION PROJECT CONTRACT NO. 8B
Drawing	CIVIL - PLAN AND PROFILE HURON AVE STA 2115+00 TO STA 2120+00

Sheet	C-4
File No.	6089



PLAN

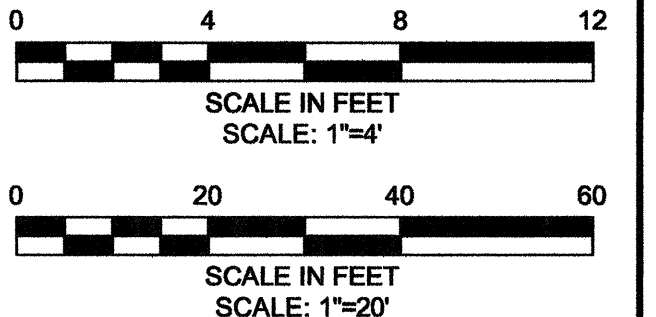
SCALE: 1"=20'



PROFILE

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'

- NOTES:**
1. IN ADDITION TO THOSE ILLICIT BUILDING LATERALS IDENTIFIED IN THE PLAN, THE FOLLOWING ADDRESSES HAVE BEEN IDENTIFIED AS HAVING ILLICIT SANITARY CONNECTIONS TO EXISTING OR PROPOSED STORM DRAINS THROUGH THE PROCESS OF DYE-TESTING AND BUILDING INSPECTION: 316 HURON AVENUE. CONTRACTOR TO REDIRECT THESE ILLICIT CONNECTIONS TO THE SANITARY SEWER. CIPP LINING SHALL BE COMPLETED AFTER INSTALLATION OF THE PROPOSED PIPES AND MANHOLES. LINING SHALL BE FROM MANHOLE TO MANHOLE.
 2. STA 2120+00 TO STA 2125+00: REFER TO SPEC 02160 FOR EXCAVATION SUPPORT ADJACENT TO EXIST. 40-INCH AND 30-INCH WATER MAINS.
 3. TEST PITS TO ASSESS WATER MAIN PRIOR TO REDIRECTING ILLICIT CONNECTION (TYP. OF 6). REFER TO SPEC 01200 AND 02160 FOR ADDITIONAL REQUIREMENTS.



CONFORMED SET

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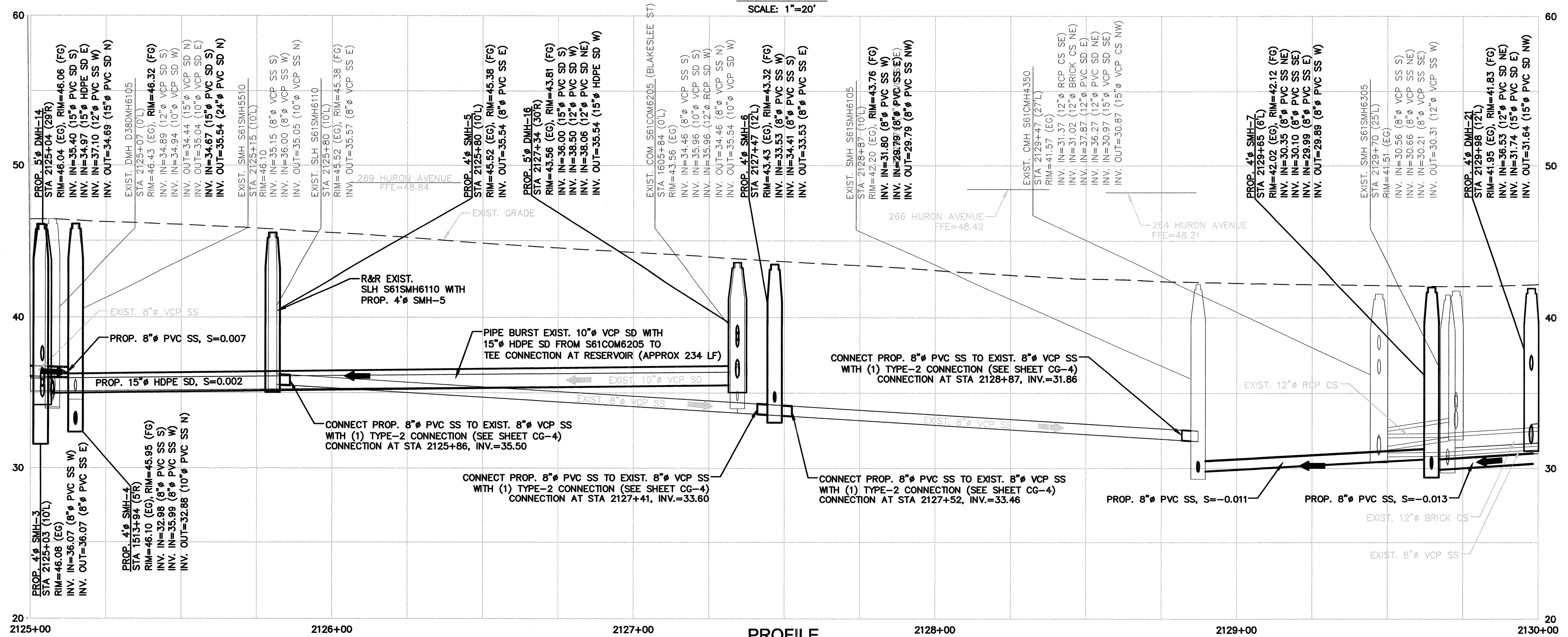
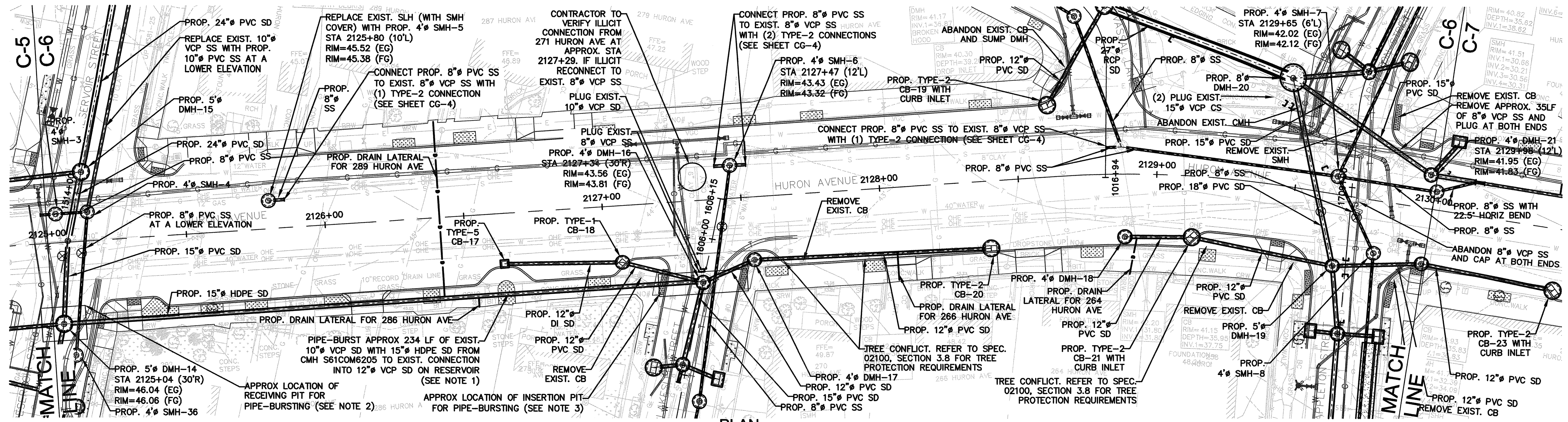


Scale	AS NOTED		
Date	APRIL 17, 2013		
Job No.	10501113		
Designed by	AMF		
Drawn by	MELNFT		
Checked by	BCT	No.	Description
Approved by	MMC		Date

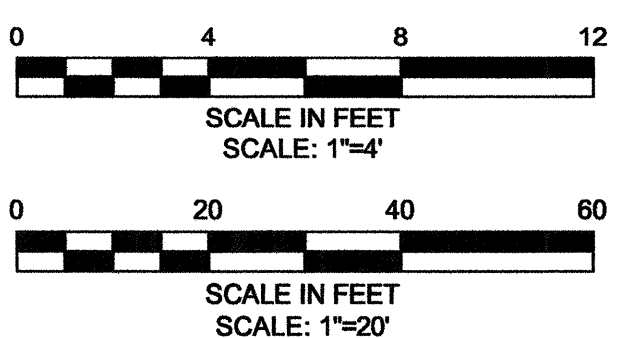


Client	CITY OF CAMBRIDGE, MASSACHUSETTS
Project	HURON B SEWER SEPARATION PROJECT CONTRACT NO. 8B
Drawing	CIVIL - PLAN AND PROFILE HURON AVE STA 2120+00 TO STA 2125+00

Sheet	C-5
File No.	6089

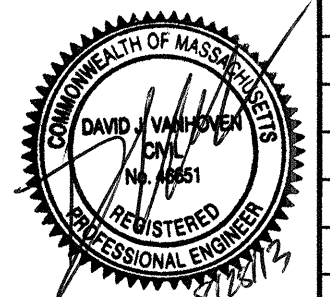


- NOTES:**
- IN ADDITION TO THOSE ILLICIT BUILDING LATERALS IDENTIFIED IN THE PLAN, THE FOLLOWING ADDRESSES HAVE BEEN IDENTIFIED AS HAVING ILLICIT SANITARY CONNECTIONS TO EXISTING OR PROPOSED STORM DRAINS THROUGH THE PROCESS OF DYE-TESTING AND BUILDING INSPECTION: 289 HURON AVENUE, 293 HURON AVENUE. CONTRACTOR TO REDIRECT THESE ILLICIT CONNECTIONS TO THE SANITARY SEWER.
 - CONTRACTOR TO SIZE INSERTION AND RECEIVING PITS FOR PIPE-BURSTING TO CORRESPOND WITH HIS OPERATIONAL REQUIREMENTS AND WITH CONSIDERATION TO THE EXISTING SITE CONSTRAINTS INCLUDING ADJACENT UTILITIES.
 - RECEIVING PIT SHALL BE APPROXIMATELY 12' WIDE BY 16' LONG. CONTRACTOR TO DETERMINE FINAL SIZE BASED UPON EQUIPMENT REQUIREMENTS AND REQUIREMENTS FOR ADJACENT DMH INSTALLATION.
 - INSERTION PIT SHALL BE APPROXIMATELY 8' WIDE BY 32' LONG. CONTRACTOR TO DETERMINE FINAL SIZE BASED UPON EQUIPMENT REQUIREMENTS AND WITH THE GOAL OF MAINTAINING THE ADJACENT TREE ON THE SOUTH-EAST CORNER OF THE INTERSECTION.
 - DURING INSERTION AND RECEIVING PIT EXCAVATION FOR PIPE-BURSTING, CONTRACTOR TO COORDINATE ACCESS TO PROPERTIES WITH LOCAL RESIDENTS ON RESERVOIR AND BLAKESLEE STREETS.



CONFORMED SET

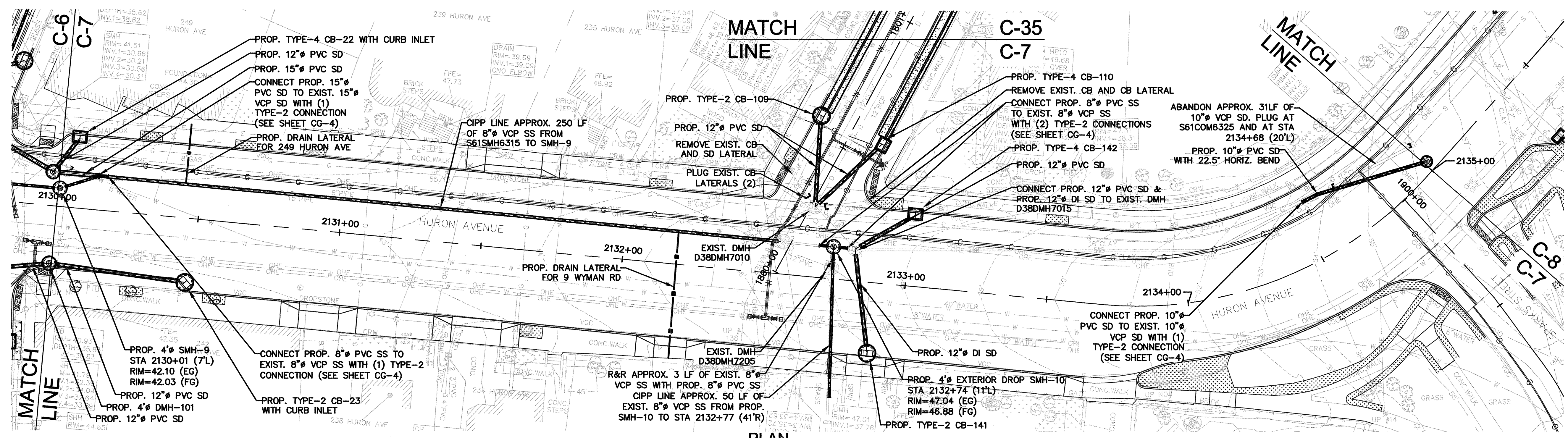
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Scale	AS NOTED	Date	APRIL 17, 2013	Job No.	10501113	Designed by	AMF	Drawn by	MELNFT	Checked by	BCT	No.	Description	Date
REVISIONS														

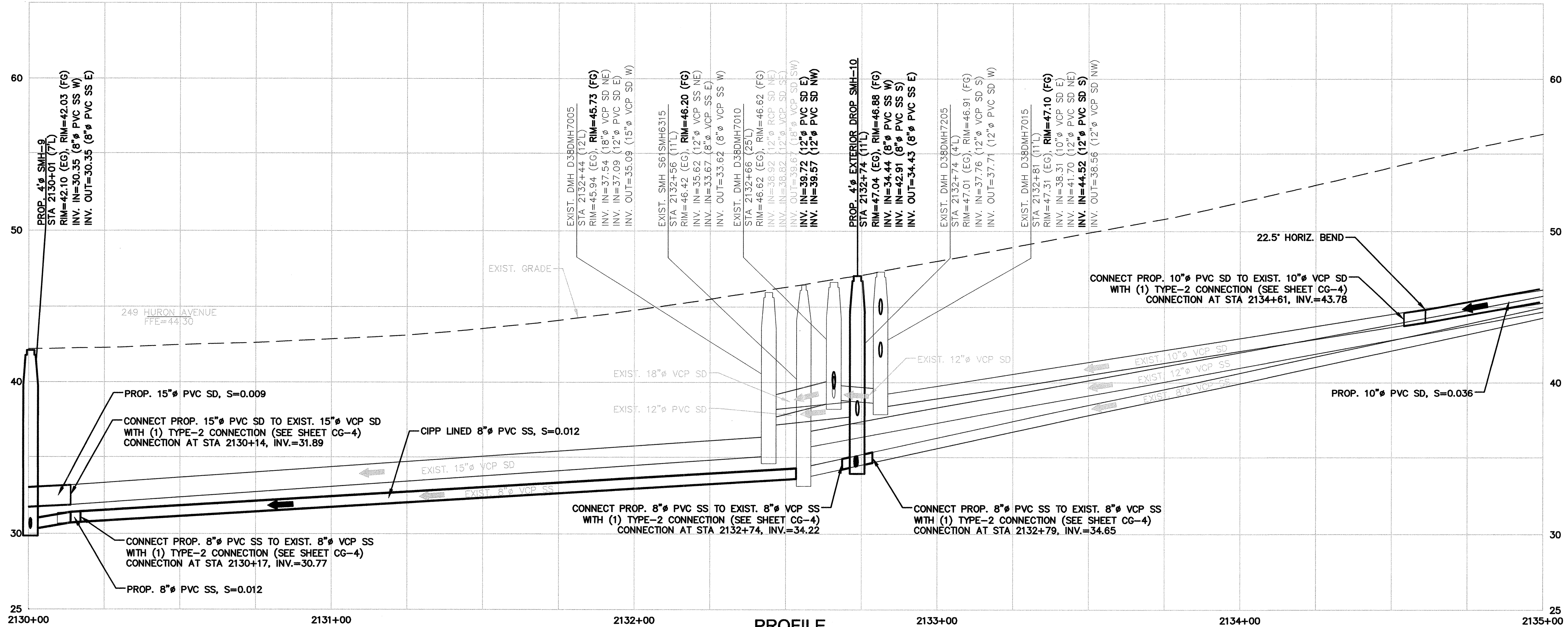


Client	CITY OF CAMBRIDGE, MASSACHUSETTS	Sheet	C-6
Project	HURON B SEWER SEPARATION PROJECT CONTRACT NO. 8B	File No.	6089
Drawing	CIVIL - PLAN AND PROFILE HURON AVE STA 2125+00 TO STA 2130+00		

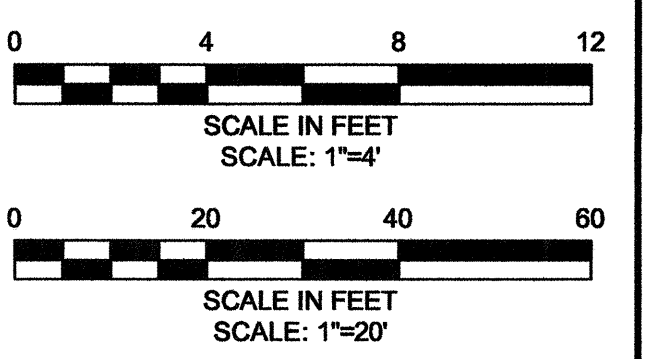


PLAN
SCALE: 1"=20'

NOTE:
1. IN ADDITION TO THOSE ILLICIT BUILDING LATERALS IDENTIFIED IN THE PLAN, THE FOLLOWING ADDRESSES HAVE BEEN IDENTIFIED AS HAVING ILLICIT SANITARY CONNECTIONS TO EXISTING OR PROPOSED STORM DRAINS THROUGH THE PROCESS OF DYE-TESTING AND BUILDING INSPECTION: 243 HURON AVENUE. CONTRACTOR TO REDIRECT THESE ILLICIT CONNECTIONS TO THE SANITARY SEWER.

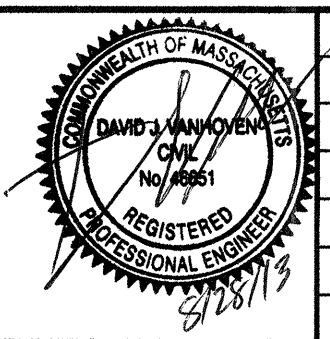


PROFILE
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'



CONFIRMED SET

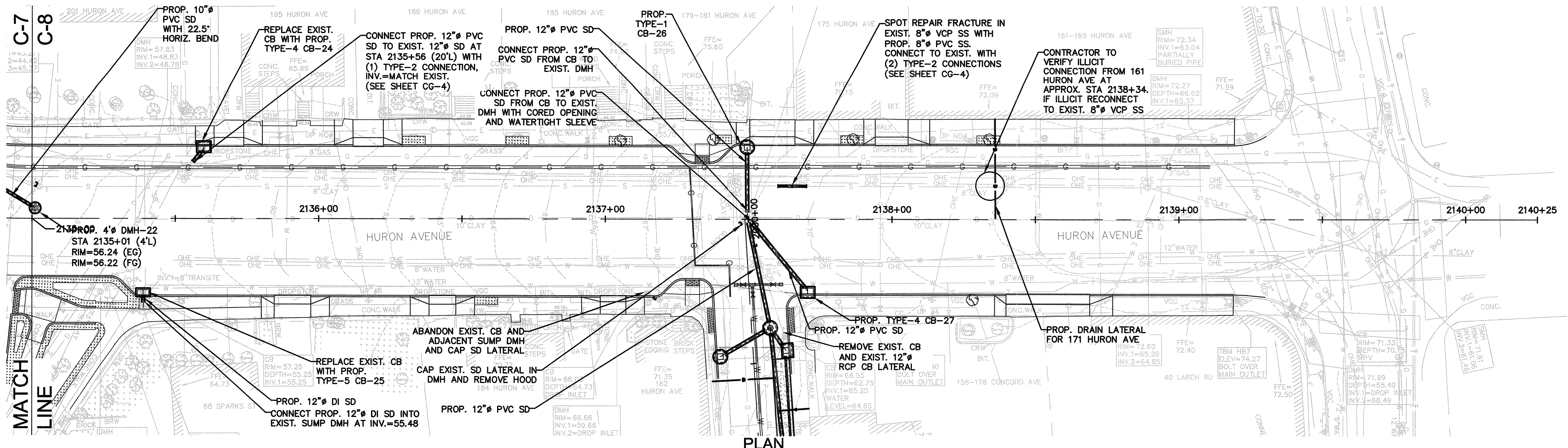
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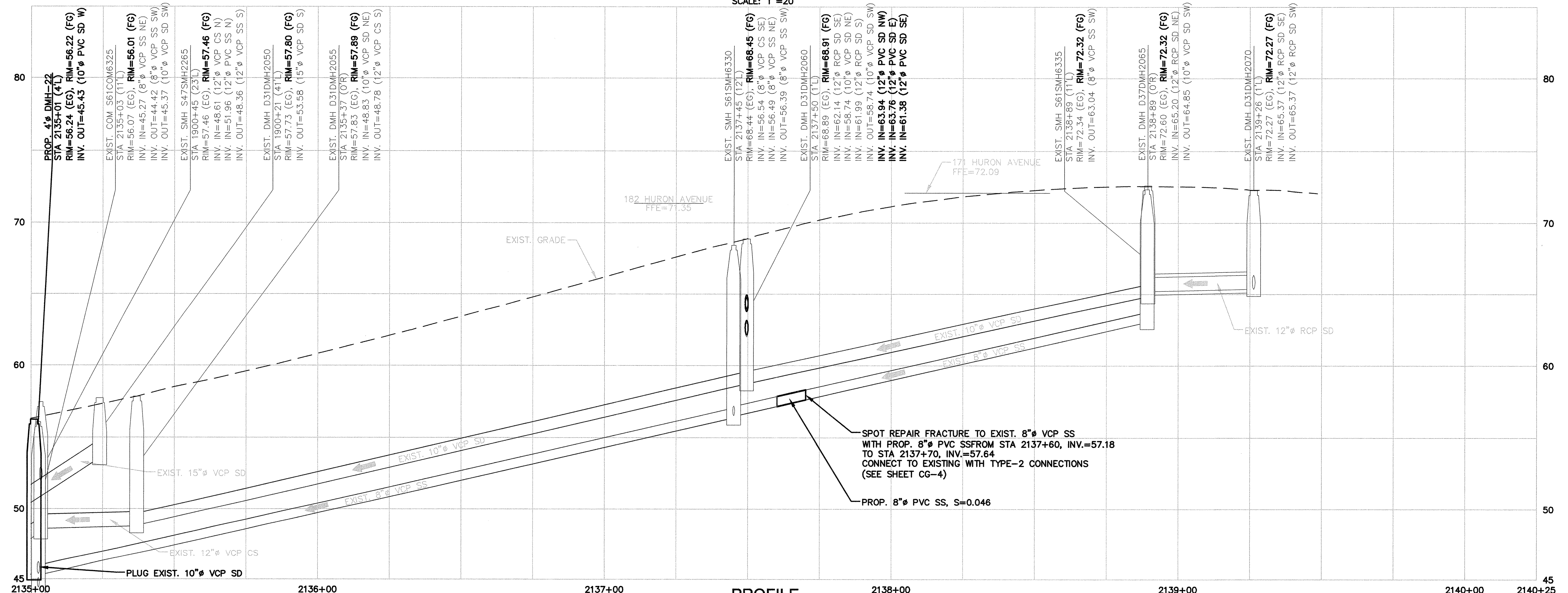
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Date	APRIL 17, 2013
Job No.	10501113
Designed by	AMF
Drawn by	MEL/NFT
Checked by	BCT
Approved by	MMC



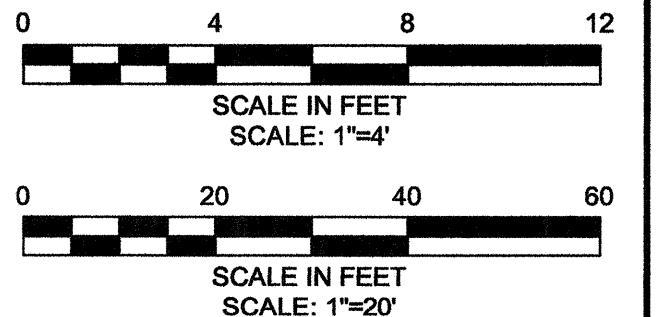
Client	CITY OF CAMBRIDGE, MASSACHUSETTS	Sheet	C-7
Project	HURON B SEWER SEPARATION PROJECT CONTRACT NO. 8B	File No.	6089
Drawing	CIVIL - PLAN AND PROFILE HURON AVE STA 2130+00 TO STA 2135+00		



PLAN
SCALE: 1"=20'

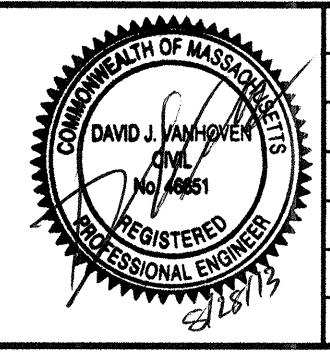


PROFILE
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'

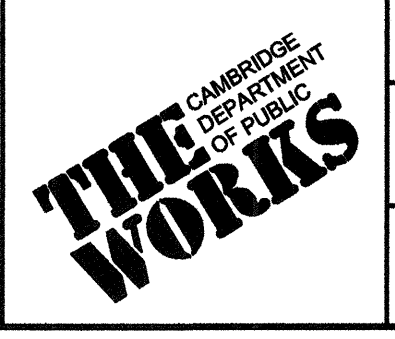


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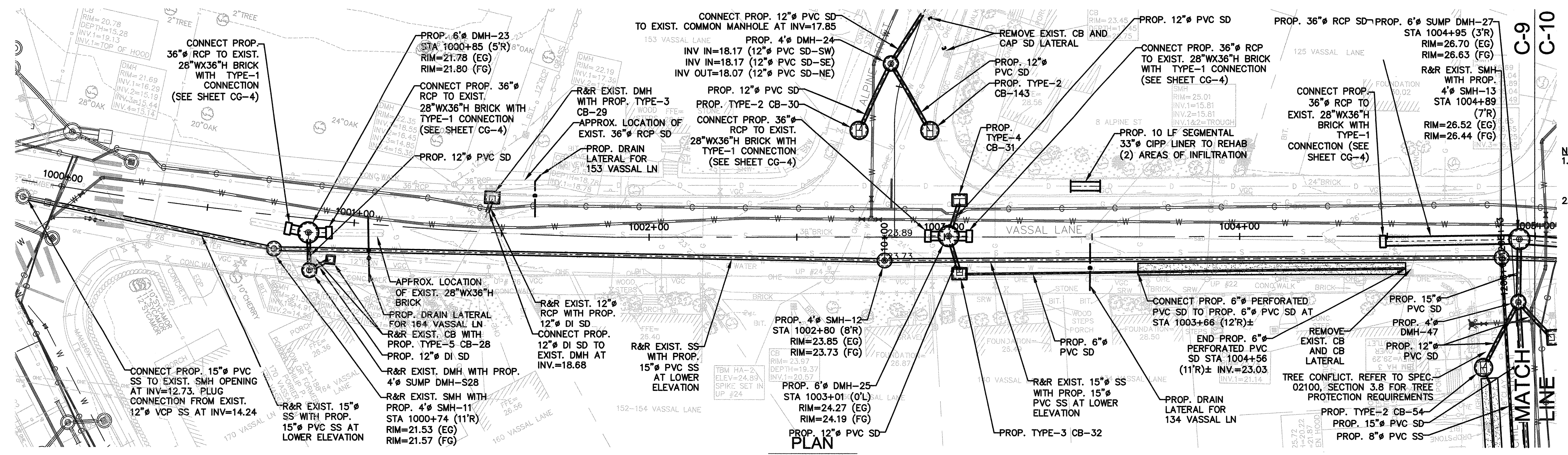


Scale	AS NOTED
Date	APRIL 17, 2013
Job No.	10501113
Designed by	AMF
Drawn by	MELINF
Checked by	BCT
Approved by	MMC

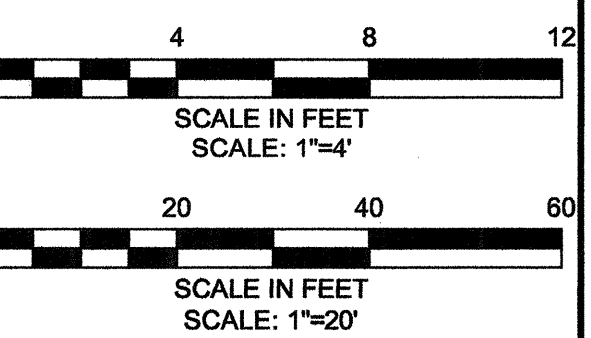
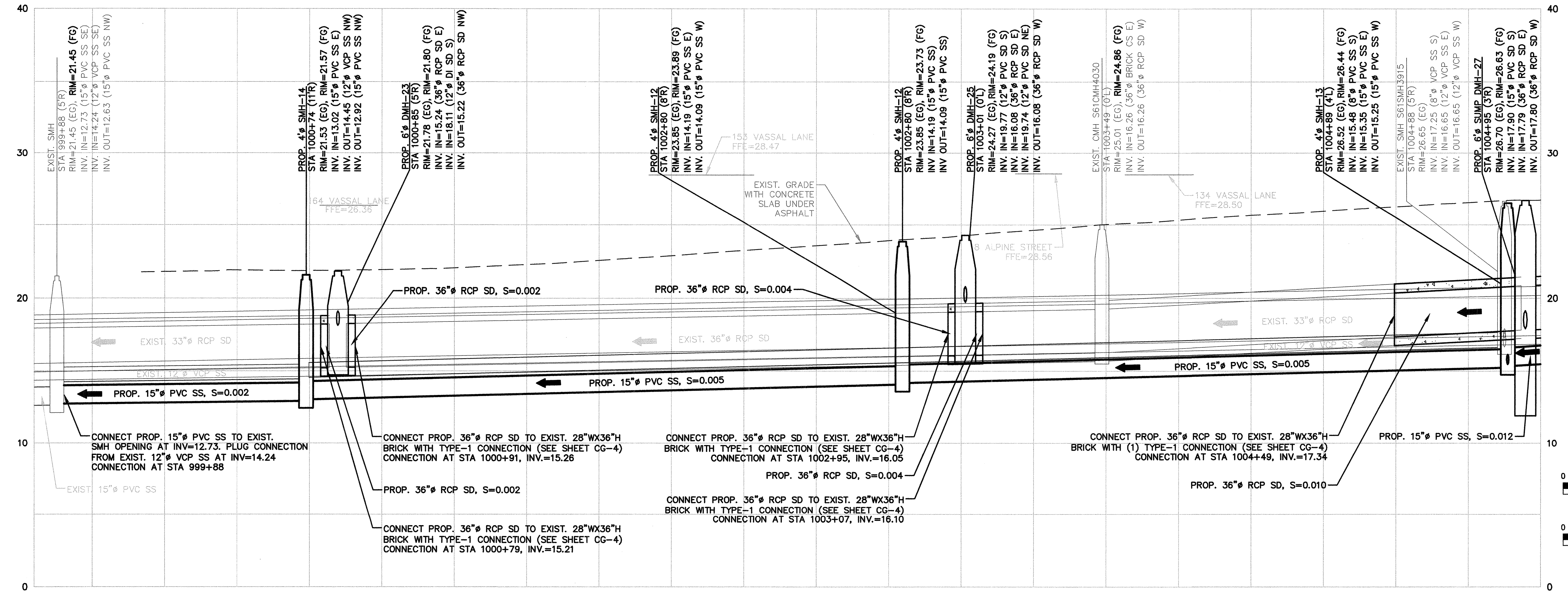


Client	CITY OF CAMBRIDGE, MASSACHUSETTS
Project	HURON B SEWER SEPARATION PROJECT CONTRACT NO. 8B
Drawing	CIVIL - PLAN AND PROFILE HURON AVE STA 2135+00 TO STA 2140+25

Sheet	C-8
File No.	6089



- NOTES:**
- SEE SHEET CP-12 FOR PROPOSED DRAIN LATERAL TO 8 ALPINE STREET AND ASSOCIATED INFLOW REMOVAL WORK.
 - IN ADDITION TO THOSE ILICIT BUILDING LATERALS IDENTIFIED IN THE PLAN, THE FOLLOWING ADDRESSES HAVE BEEN IDENTIFIED AS HAVING ILICIT SANITARY CONNECTIONS TO EXISTING OR PROPOSED STORM DRAINS THROUGH THE PROCESS OF DYE-TESTING AND BUILDING INSPECTION: 125 VASSAL LANE, 152 VASSAL LANE, 153 VASSAL LANE. CONTRACTOR TO REDIRECT THESE ILICIT CONNECTIONS TO THE SANITARY SEWER.



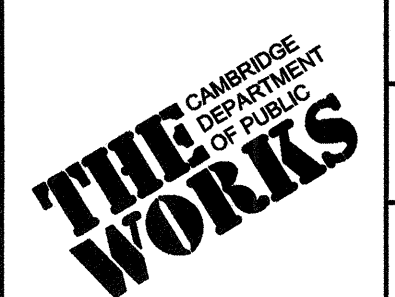
PROFILE
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CONFORMED SET

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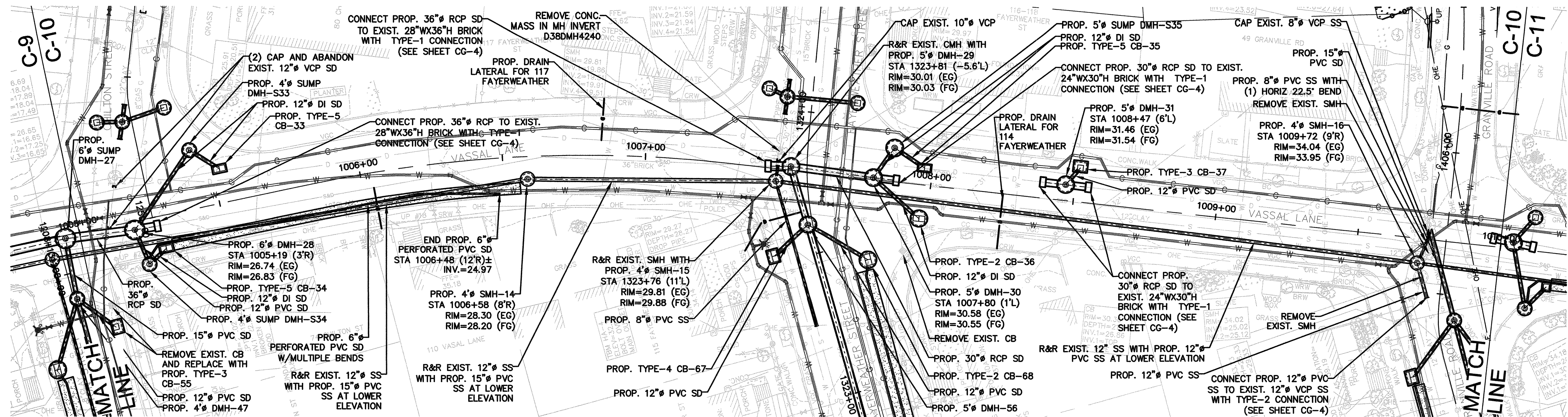


Scale	AS NOTED
Date	APRIL 17, 2013
Job No.	10501113
Designed by	AMF
Drawn by	MEL/NFT
Checked by	BCT
Approved by	MMC

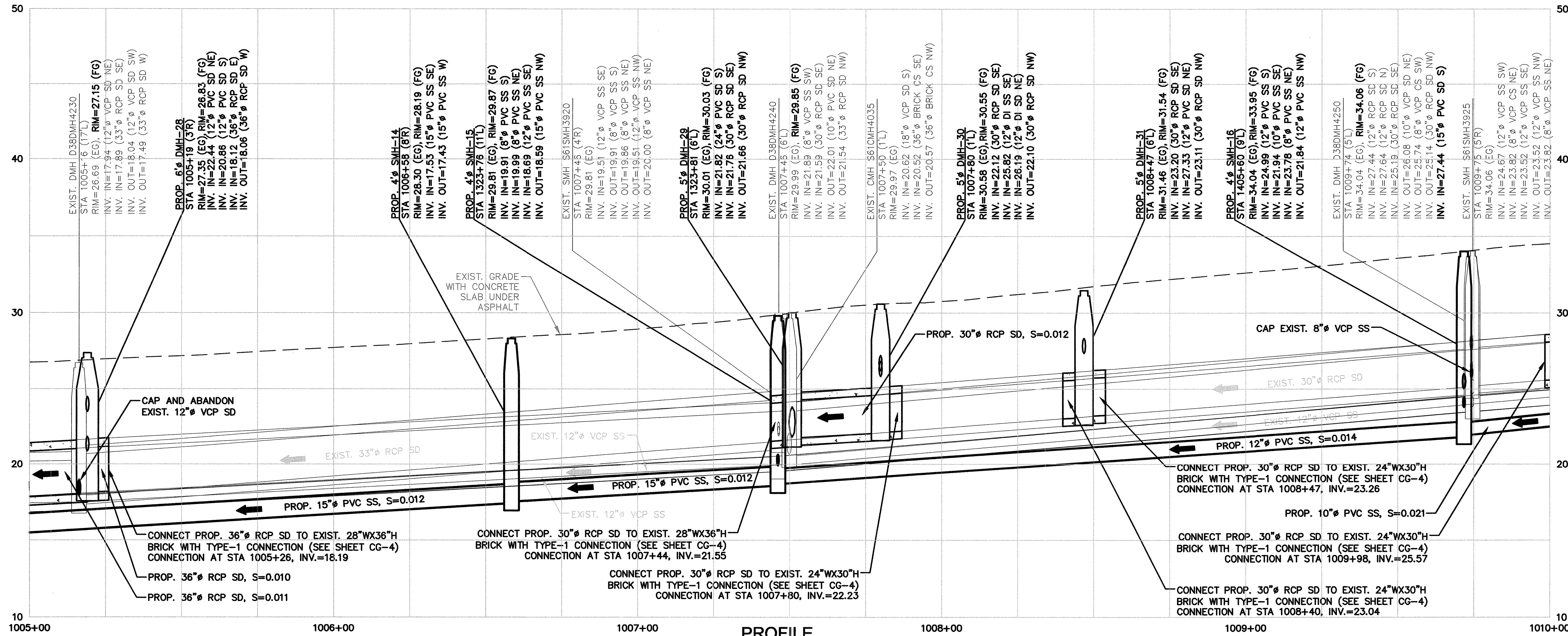


Client	CITY OF CAMBRIDGE, MASSACHUSETTS
Project	HURON B SEWER SEPARATION PROJECT CONTRACT NO. 8B
Drawing	CIVIL - PLAN AND PROFILE VASSAL LN STA 999+80 TO STA 1005+00

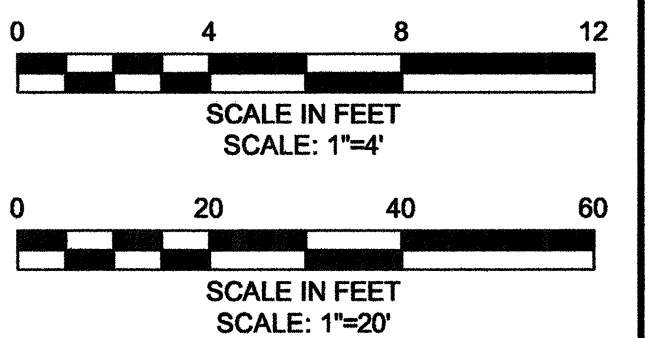
Sheet	C-9
File No.	6089



PLAN
SCALE: 1"=20'



PROFILE
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'



CONFORMED SET

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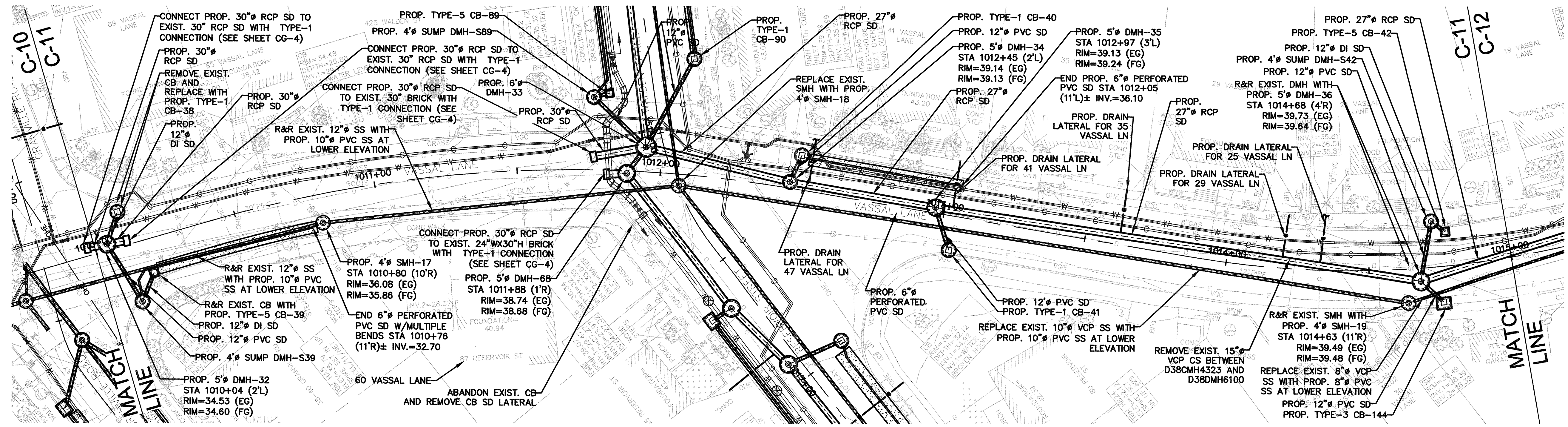


Scale	AS NOTED		
Date	APRIL 17, 2013		
Job No.	10501113		
Designed by	AMF		
Drawn by	MELINF		
Checked by	BCT	No.	Description
Approved by	MMC		REVISIONS



Client	CITY OF CAMBRIDGE, MASSACHUSETTS
Project	HURON B SEWER SEPARATION PROJECT CONTRACT NO. 8B
Drawing	CIVIL - PLAN AND PROFILE VASSAL LN STA 1005+00 TO STA 1010+00

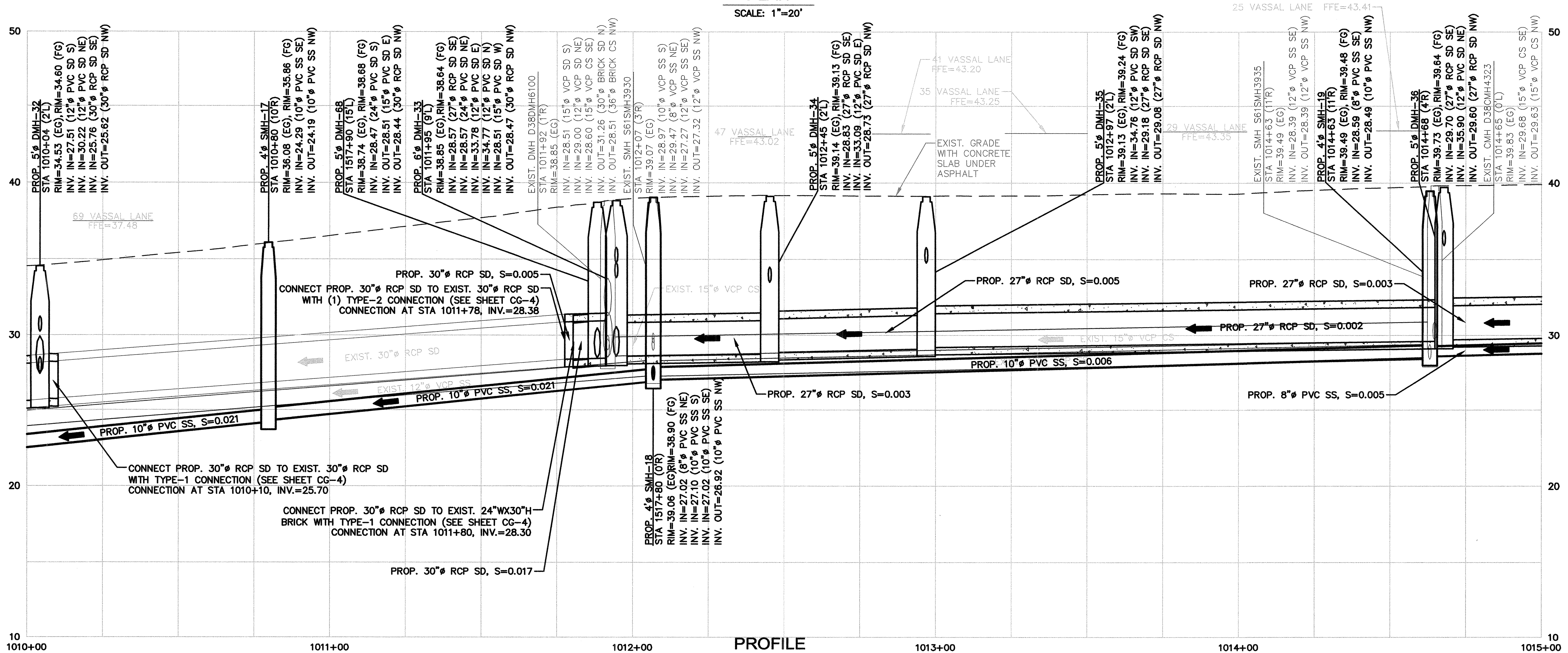
Sheet	C-10
File No.	6089



PLAN

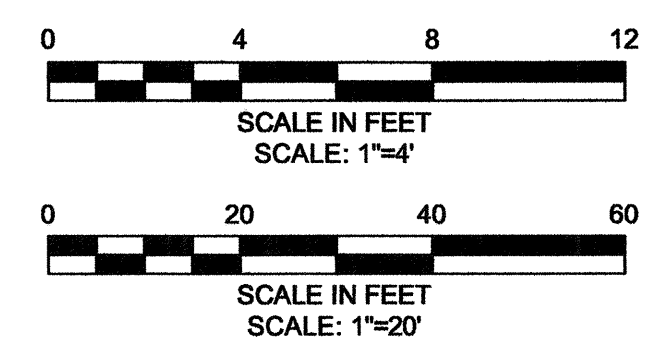
SCALE: 1"=20'

- NOTES:**
1. IN ADDITION TO THOSE ILLICIT BUILDING LATERALS IDENTIFIED IN THE PLAN, THE FOLLOWING ADDRESSES HAVE BEEN IDENTIFIED AS HAVING ILLICIT SANITARY CONNECTIONS TO EXISTING OR PROPOSED STORM DRAINS THROUGH THE PROCESS OF DYE-TESTING AND BUILDING INSPECTION: 29 VASSAL LANE, 60 VASSAL LANE, 87 RESERVOIR STREET, 89 APPLETON STREET, 287 HURON AVENUE. CONTRACTOR TO REDIRECT THESE ILLICIT CONNECTIONS TO THE SANITARY SEWER.
 2. REFER TO SPEC 02160 FOR EXCAVATION ADJACENT TO WATER MAIN AT INTERSECTION OF VASSAL LANE AND RESERVOIR STREET.



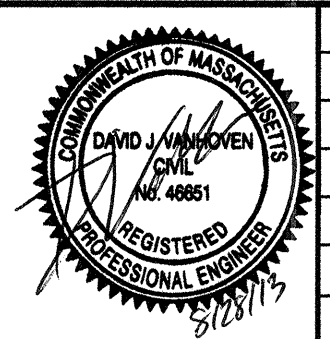
PROFILE

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'



CONFORMED SET

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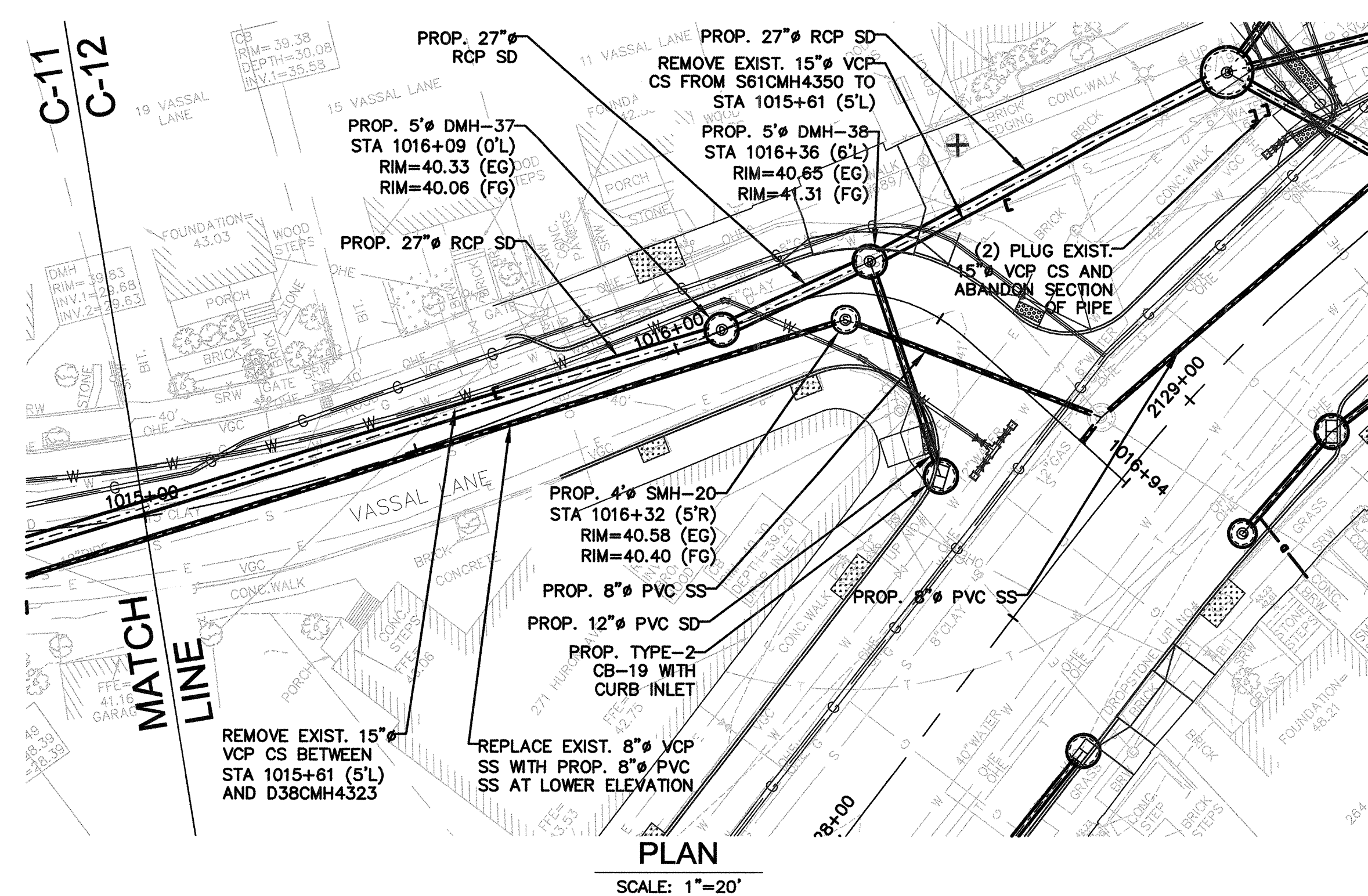


Scale	AS NOTED
Date	APRIL 17, 2013
Job No.	10501113
Designed by	AMF
Drawn by	MEL/NFT
Checked by	BCT
Approved by	MMC

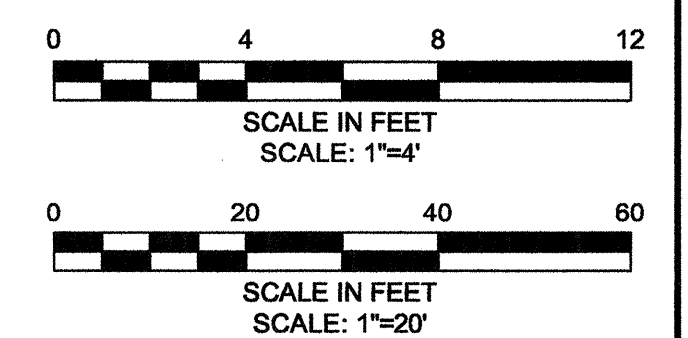
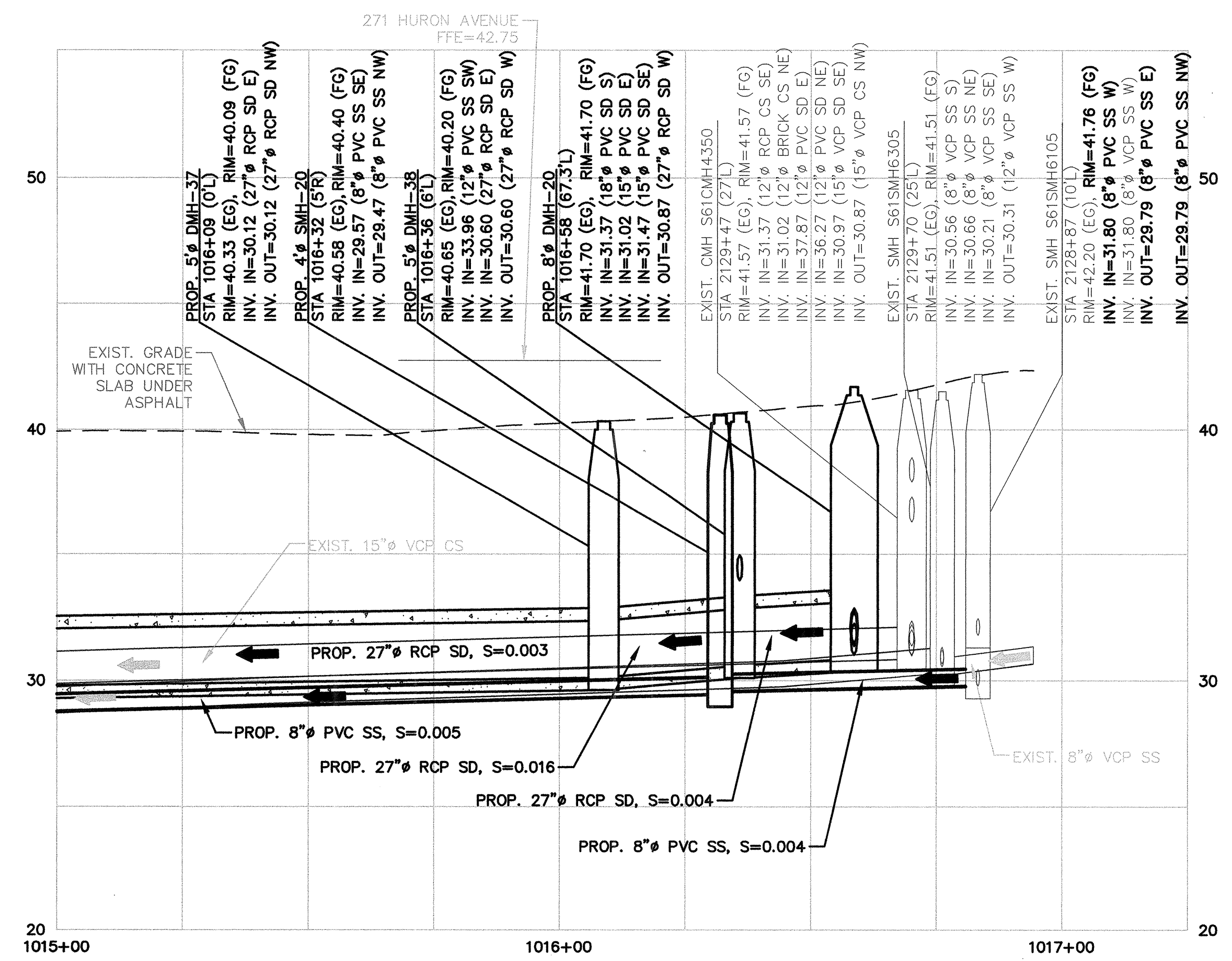


Client	CITY OF CAMBRIDGE, MASSACHUSETTS
Project	HURON B SEWER SEPARATION PROJECT CONTRACT NO. 8B
Drawing	CIVIL - PLAN AND PROFILE VASSAL LN STA 1010+00 TO STA 1015+00

Sheet	C-11
File No.	6089

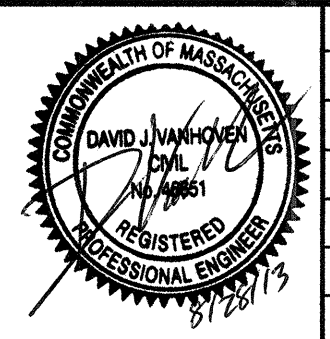


NOTE:
 1. IN ADDITION TO THOSE ILLICIT BUILDING LATERALS IDENTIFIED IN THE PLAN, THE FOLLOWING ADDRESSES HAVE BEEN IDENTIFIED AS HAVING ILLICIT SANITARY CONNECTIONS TO EXISTING OR PROPOSED STORM DRAINS THROUGH THE PROCESS OF DYE-TESTING AND BUILDING INSPECTION: 19 VASSAL LANE, 271 HURON AVENUE, 11 VASSAL LANE. CONTRACTOR TO REDIRECT THESE ILLICIT CONNECTIONS TO THE SANITARY SEWER.



CONFORMED SET

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Scale	AS NOTED
Date	APRIL 17, 2013
Job No.	10501113
Designed by	AMF
Drawn by	MEL/NFT
Checked by	BCT
Approved by	MMC



Client	CITY OF CAMBRIDGE, MASSACHUSETTS	Sheet	C-12
Project	HURON B SEWER SEPARATION PROJECT CONTRACT NO. 8B	File No.	6089
Drawing	CIVIL - PLAN AND PROFILE VASSAL LN STA 1015+00 TO STA 1016+94		