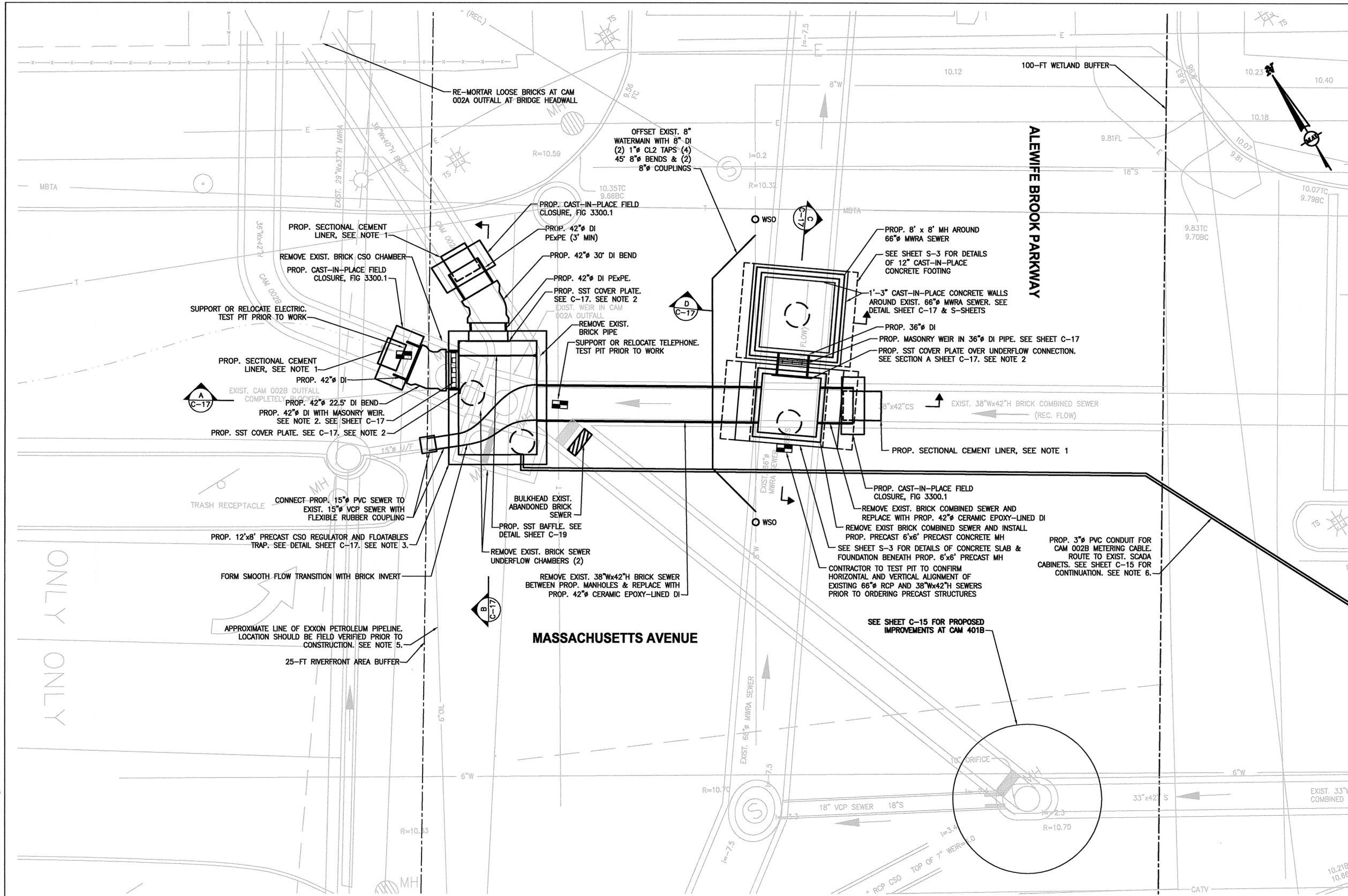
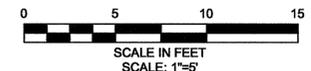


- NOTES:**
1. PRIOR TO EXCAVATION, APPLY 3" THICK, 4' LONG FIBERGLASS-REINFORCED CEMENT LINER (ALUMINALINER, OR EQUAL). 3' TO REMAIN WITHIN EXIST BRICK CONDUIT AFTER SAW-CUT. 1' TO BE WASTED BY INSTALLATION OF PROPOSED PIPE. CAM 002B IS EXCEPTED SINCE SAW-CUTTING IS ASSUMED AVOIDABLE.
 2. SEAL SST PLATE EDGES WITH BIDCO C-56 BUTYL MASTIC SEALANT, OR EQUAL. SST COVER PLATE SHALL BE INSTALLED AT CAM 002A TO CONTROL CSO SPILL ELEVATION. SST COVER PLATE AT CAM 002B SHALL BE INSTALLED TO INACTIVATE CAM 002B UNTIL SUCH TIME AS THE MWRA LONG TERM CONTROL PLAN HAS BEEN IMPLEMENTED. REMOVAL OF CAM 002B COVER PLATE SHALL BE BY OTHERS. SST COVER PLATE AT CAM 002 DIVERSION STRUCTURE SHALL BE INSTALLED AFTER COMPLETION OF CONSTRUCTION ACTIVITIES AT CAM 002 SO THAT DIVERSION STRUCTURES CAN BE UTILIZED FOR BYPASSING DRY WEATHER FLOW DURING WORK AT CAM 002 REGULATOR.
 3. PRIOR TO ORDERING MATERIALS FOR WORK AT CAM 002, CONTRACTOR TO VERIFY HORIZONTAL AND VERTICAL ALIGNMENTS OF EXISTING CSO OUTFALLS FROM THE EXISTING REGULATOR TO ALEWIFE BROOK.
 4. DISTURBANCES TO ROADWAY PAVEMENT SHALL BE RESTORED PER PERMANENT PAVEMENT TRENCH DETAIL AND SPECIFICATIONS.
 5. CONDUIT NOW USED BY ONE COMMUNICATIONS AS A FIBER OPTICS CABLE CONDUIT. IT SHOULD BE PROTECTED AND SUPPORTED AS NECESSARY DURING CONSTRUCTION. IF IT IS DAMAGED DURING CONSTRUCTION, THE CONTRACTOR SHALL TAKE PROPER PRECAUTIONS WITH RESPECT TO RESIDUAL PETROLEUM VAPORS THAT MAY STILL EXIST. COORDINATE WITH ONE COMMUNICATIONS WITH CONTACT INFORMATION BELOW.
ONE COMMUNICATIONS
5 WALL STREET
BURLINGTON, MA 01803
T: 781-362-5700
 6. TELEMETRY CONDUIT ALIGNMENT SHALL BE MINIMUM 2 FT DEEP AND CONCRETE ENCASED. CONTRACTOR TO VERIFY UTILITY CONFLICTS AND ROUTE FROM CAM 002 TO EXISTING SCADA CABINETS AS REQUIRED TO MINIMIZE DISRUPTION.



CAM 002 REGULATOR AND FLOATABLES CONTROL STRUCTURES - PLAN
SCALE: 1" = 5'

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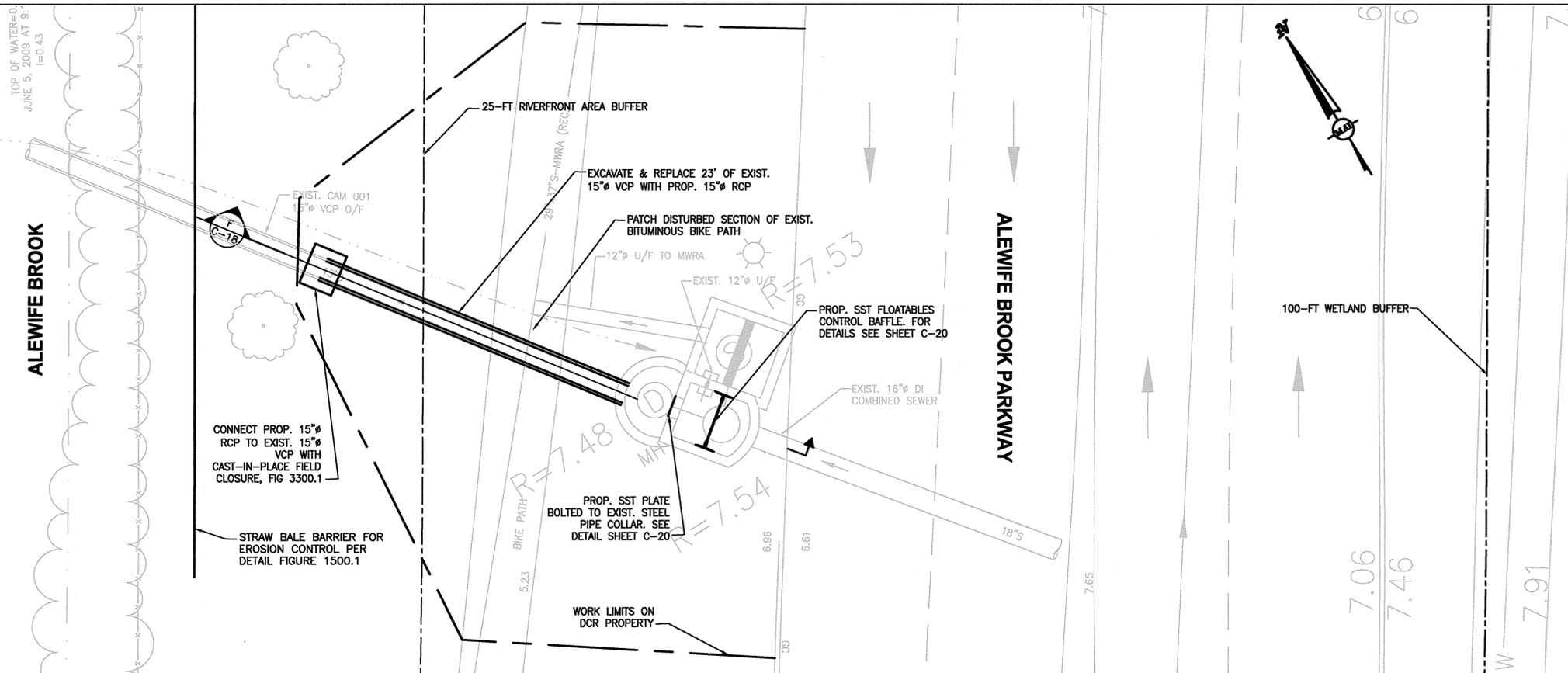
Professional Engineer Seal for William A. Piskano, No. 4882, State of Massachusetts.

Scale	1"=5'			
Date	JANUARY 15, 2010			
Job No.	1006250			
Designed by	MAW			
Drawn by	MAW			
Checked by	DHC	No.	Description	Date
Approved by	WCP		REVISIONS	



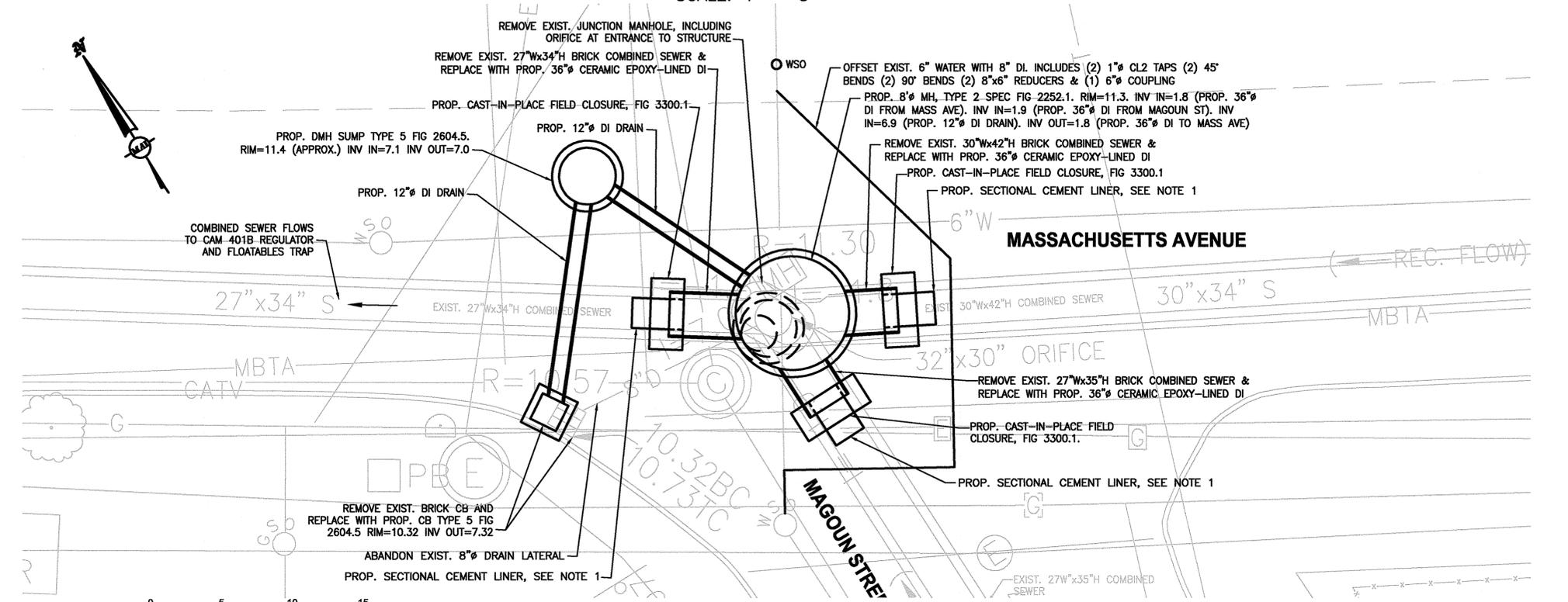
CITY OF CAMBRIDGE, MA
ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND
CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)
CAM 002 REGULATOR & FLOATABLES CONTROL
PLAN

Sheet No. **C-14**
File No.



CAM 001 REGULATOR AND FLOATABLES CONTROL STRUCTURE - PLAN
SCALE: 1" = 5'

- NOTES:**
1. PRIOR TO EXCAVATION, APPLY 3/8" THICK, 4' LONG FIBERGLASS-REINFORCED CEMENT LINER (ALUMINALINER, OR EQUAL). 3' TO REMAIN WITHIN EXIST BRICK CONDUIT AFTER SAW-CUT. 1' TO BE WASTED BY INSTALLATION OF PROPOSED PIPE.
 2. DISTURBANCES TO ROADWAY PAVEMENT SHALL BE RESTORED PER PERMANENT PAVEMENT TRENCH DETAIL AND SPECIFICATIONS.
 3. EXISTING EXXON CONDUIT IN THE CAM 001 AREA IS NOW USED BY ONE COMMUNICATIONS AS A FIBER OPTICS CABLE CONDUIT. IT SHOULD BE PROTECTED AND SUPPORTED AS NECESSARY DURING CONSTRUCTION. IF IT IS DAMAGED DURING CONSTRUCTION, THE CONTRACTOR SHALL TAKE PROPER PRECAUTIONS WITH RESPECT TO RESIDUAL PETROLEUM VAPORS THAT MAY STILL EXIST. COORDINATE WITH ONE COMMUNICATIONS WITH CONTACT INFORMATION BELOW.
ONE COMMUNICATIONS
5 WALL STREET
BURLINGTON, MA 01803
T: 781-362-5700



COMBINED SEWER MANHOLE REPLACEMENT - PLAN
SCALE: 1" = 5'

CONFORMED SET

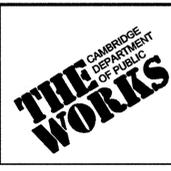
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MWH
BOSTON
MASSACHUSETTS

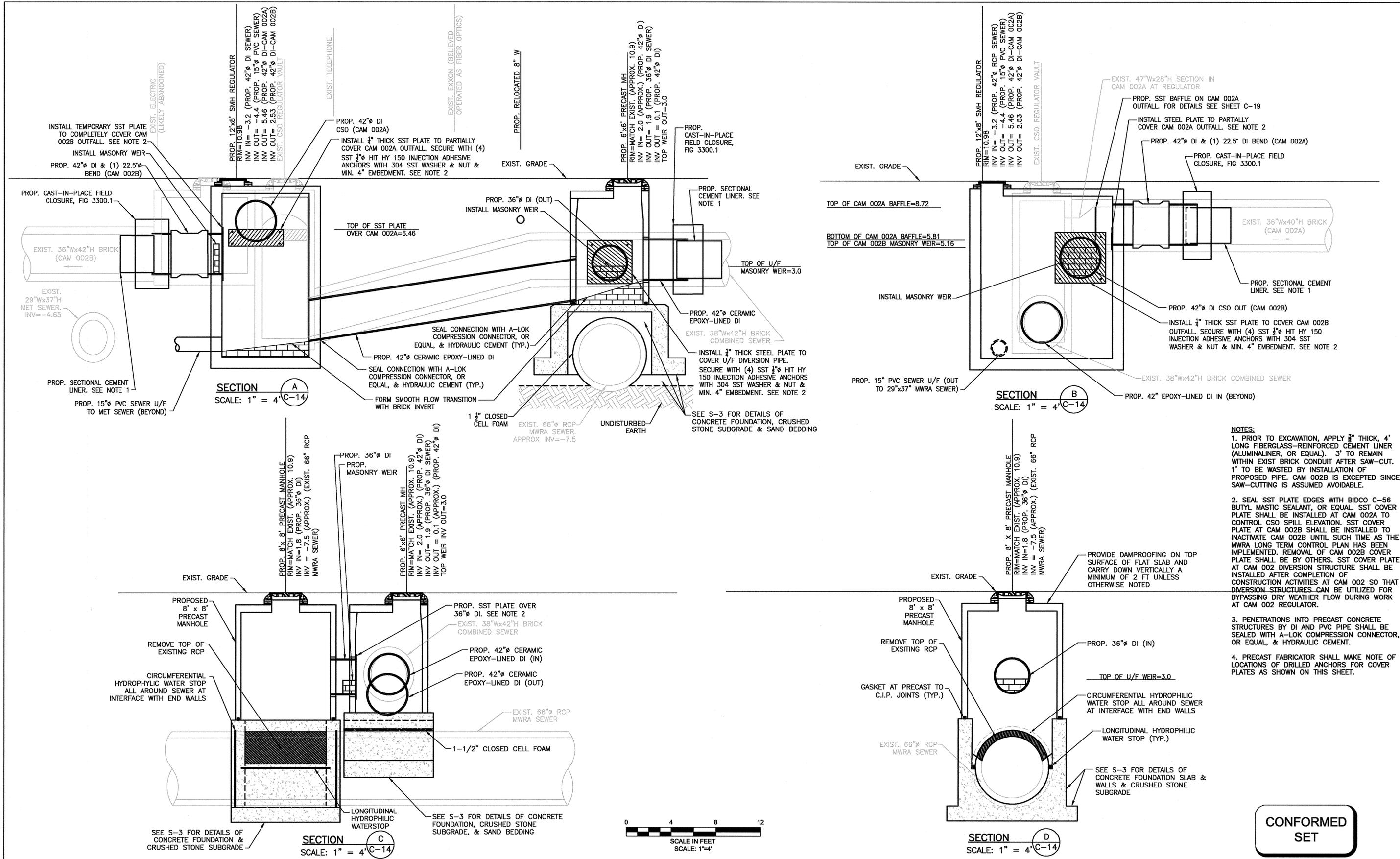
William C. Piskun
REGISTERED PROFESSIONAL ENGINEER
STATE OF MASSACHUSETTS
No. 38822

Scale	1"=5'	
Date	JANUARY 15, 2010	
Job No.	1006250	
Designed by	MAW	
Drawn by	MAW	
Checked by	DHC	
Approved by	WCP	
REVISIONS		
No.	Description	Date



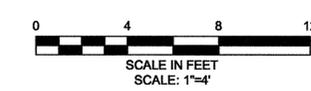
CITY OF CAMBRIDGE, MA	
ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)	
CAM 001 FLOATABLES CONTROL & MAGOUN ST & MASS AVE PLAN	

Sheet No.	C-16
File No.	



- NOTES:**
- PRIOR TO EXCAVATION, APPLY 3/8" THICK, 4' LONG FIBERGLASS-REINFORCED CEMENT LINER (ALUMINALINER, OR EQUAL). 3' TO REMAIN WITHIN EXIST BRICK CONDUIT AFTER SAW-CUT. 1' TO BE WASTED BY INSTALLATION OF PROPOSED PIPE. CAM 002B IS EXCEPTED SINCE SAW-CUTTING IS ASSUMED AVOIDABLE.
 - SEAL SST PLATE EDGES WITH BIDCO C-56 BUTYL MASTIC SEALANT, OR EQUAL. SST COVER PLATE SHALL BE INSTALLED AT CAM 002A TO CONTROL CSO SPILL ELEVATION. SST COVER PLATE AT CAM 002B SHALL BE INSTALLED TO INACTIVATE CAM 002B UNTIL SUCH TIME AS THE MWRA LONG TERM CONTROL PLAN HAS BEEN IMPLEMENTED. REMOVAL OF CAM 002B COVER PLATE SHALL BE BY OTHERS. SST COVER PLATE AT CAM 002 DIVERSION STRUCTURE SHALL BE INSTALLED AFTER COMPLETION OF CONSTRUCTION ACTIVITIES AT CAM 002 SO THAT DIVERSION STRUCTURES CAN BE UTILIZED FOR BYPASSING DRY WEATHER FLOW DURING WORK AT CAM 002 REGULATOR.
 - PENETRATIONS INTO PRECAST CONCRETE STRUCTURES BY DI AND PVC PIPE SHALL BE SEALED WITH A-LOK COMPRESSION CONNECTOR, OR EQUAL, & HYDRAULIC CEMENT.
 - PRECAST FABRICATOR SHALL MAKE NOTE OF LOCATIONS OF DRILLED ANCHORS FOR COVER PLATES AS SHOWN ON THIS SHEET.

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 BOSTON
 MASSACHUSETTS



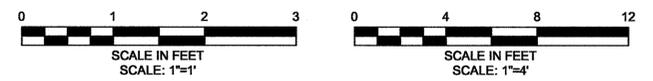
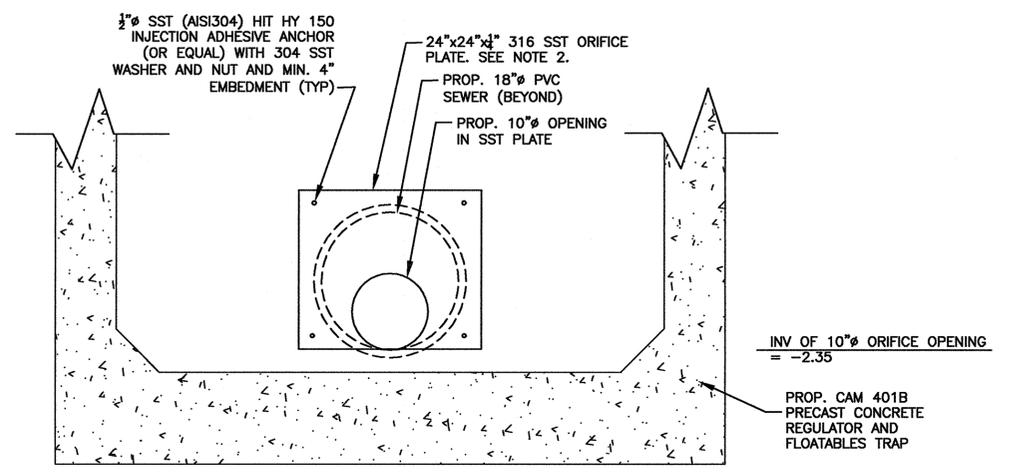
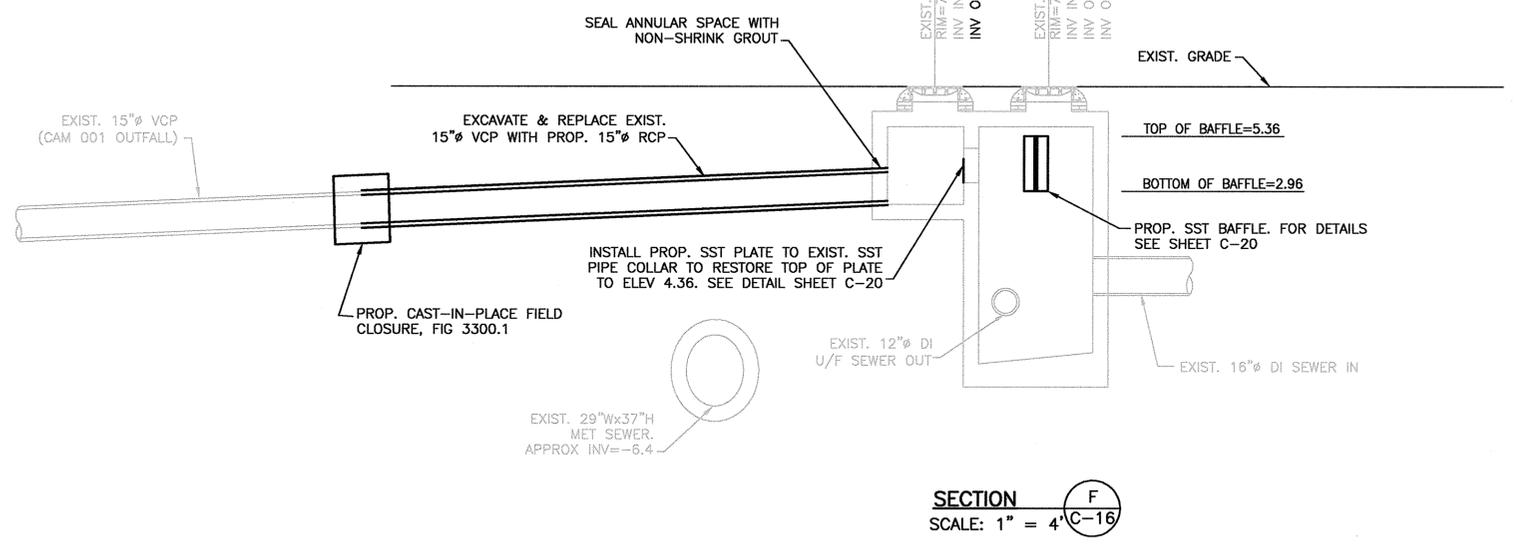
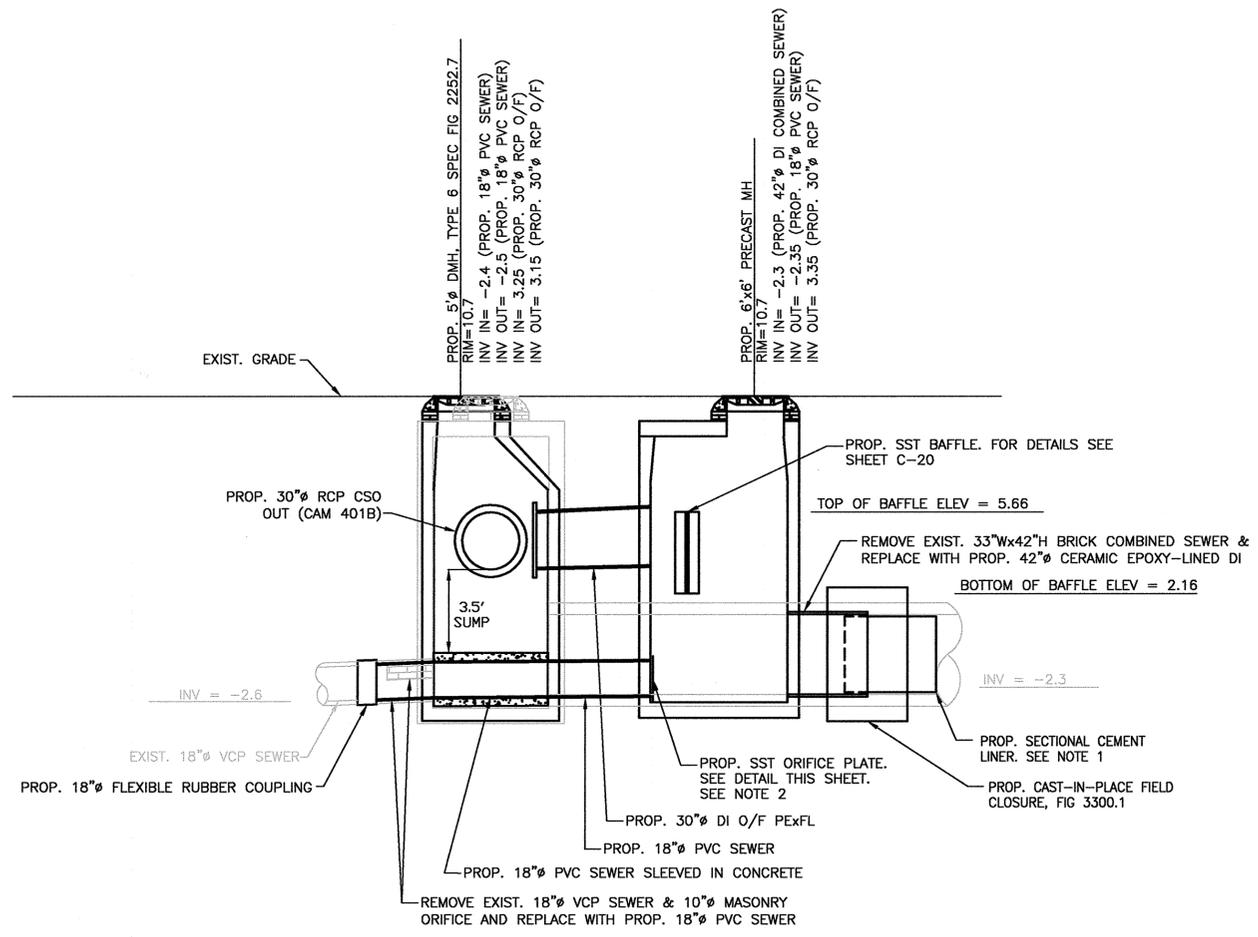
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Date	JANUARY 15, 2010			
Job No.	1006250			
Designed by	MAW			
Drawn by	MAW			
Checked by	DHC	No.	Description	Date
Approved by	WCP		REVISIONS	



CITY OF CAMBRIDGE, MA
**ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND
 CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)**
**CAM 002 REGULATOR AND FLOATABLES CONTROL
 SECTIONS**

Sheet No. **C-17**
 File No.

- NOTES:**
1. PRIOR TO EXCAVATION, APPLY $\frac{3}{8}$ " THICK, 4' LONG FIBERGLASS-REINFORCED CEMENT LINER (ALUMINALINER, OR EQUAL). 3' TO REMAIN WITHIN EXIST BRICK CONDUIT AFTER SAW-CUT. 1' TO BE WASTED BY INSTALLATION OF PROPOSED PIPE.
 2. SEAL ORIFICE PLATE EDGES WITH BIDCO C-56 BUTYL MASTIC SEALANT, OR EQUAL. SST ORIFICE COVER PLATE SHALL BE INSTALLED AT CAM 401B TO THROTTLE THE UNDERFLOW DISCHARGE TO THE MWRA SYSTEM UNTIL SUCH TIME AS THE MWRA LONG TERM CONTROL PLAN HAS BEEN IMPLEMENTED. REMOVAL OF CAM 401B ORIFICE PLATE SHALL BE BY OTHERS.
 3. PENETRATIONS INTO PRECAST CONCRETE STRUCTURES BY DI AND PVC PIPE SHALL BE SEALED WITH A-LOK COMPRESSION CONNECTOR, OR EQUAL, & HYDRAULIC CEMENT.



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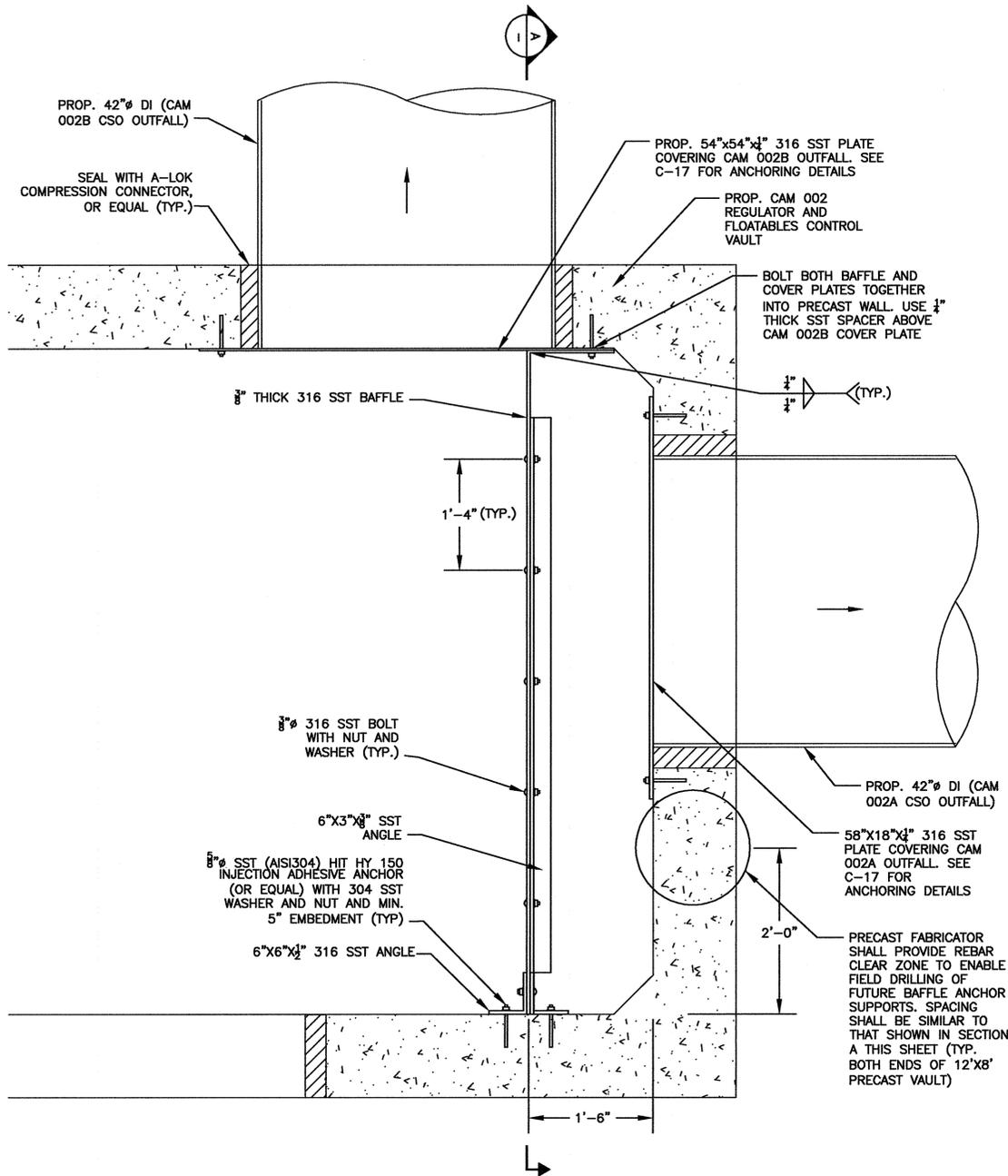
William C. Pisanò
REGISTERED PROFESSIONAL ENGINEER
LICENSE NO. 31822
SANITARY

Scale	1"=4'		
Date	JANUARY 15, 2010		
Job No.	1006250		
Designed by	MAW		
Drawn by	MAW		
Checked by	DHC	No.	Description
Approved by	WCP		Date
REVISIONS			

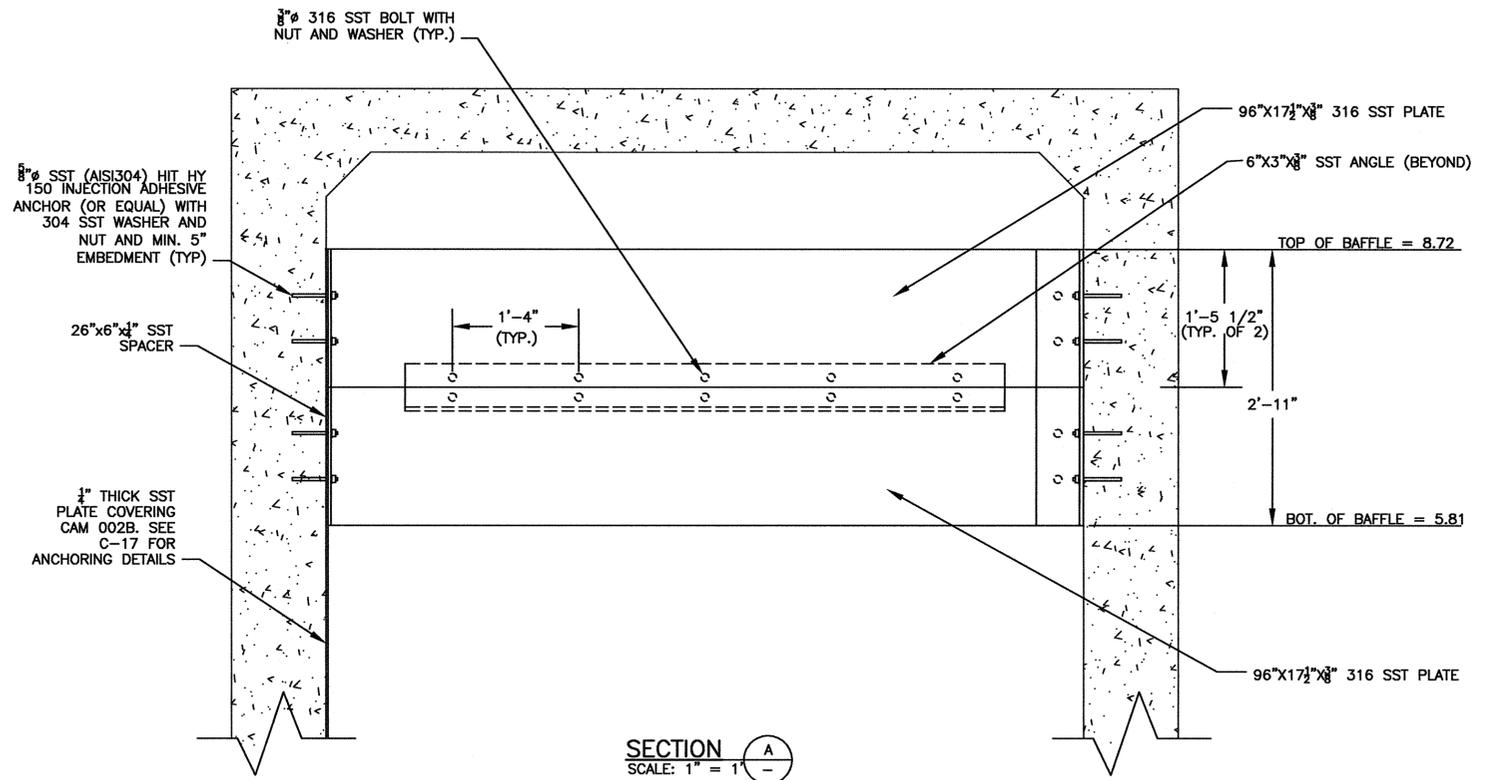


CITY OF CAMBRIDGE, MA
ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND
CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)
CAM 001 & CAM 401B FLOATABLES CONTROL
SECTIONS

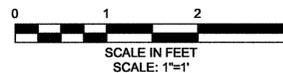
Sheet No. C-18
File No.



CAM 002 FLOATABLES BAFFLE DETAIL
SCALE: 1" = 1'



SECTION A
SCALE: 1" = 1'



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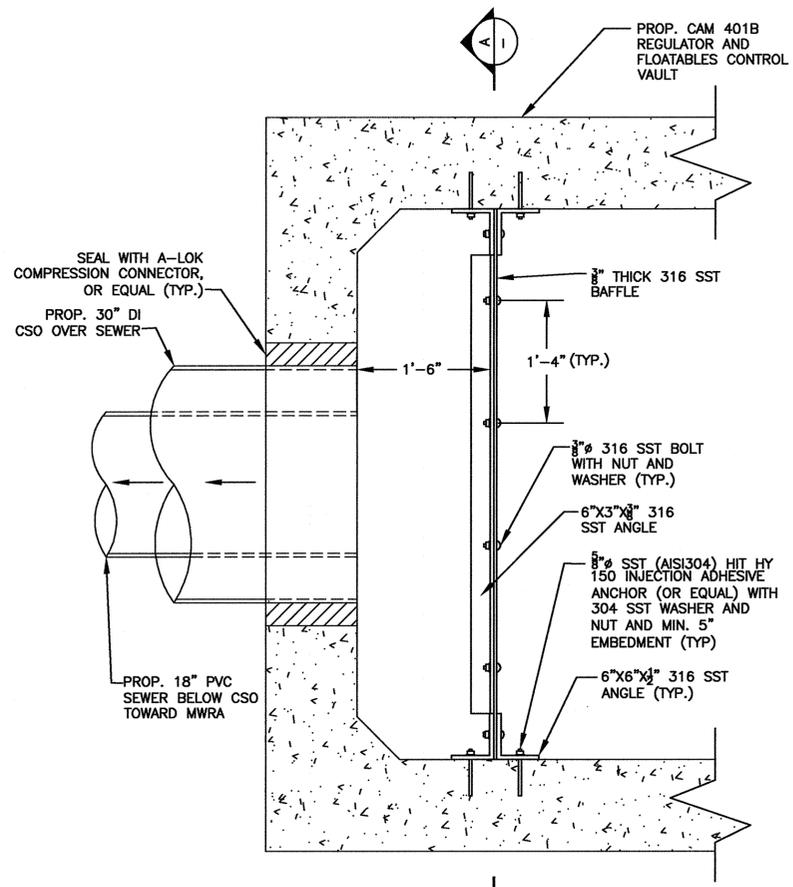
WILLIAM C. SPURRY
No. 31884
REGISTERED PROFESSIONAL ENGINEER
COMMONWEALTH OF MASSACHUSETTS

Scale	NOTED		
Date	JANUARY 15, 2010		
Job No.	1006250		
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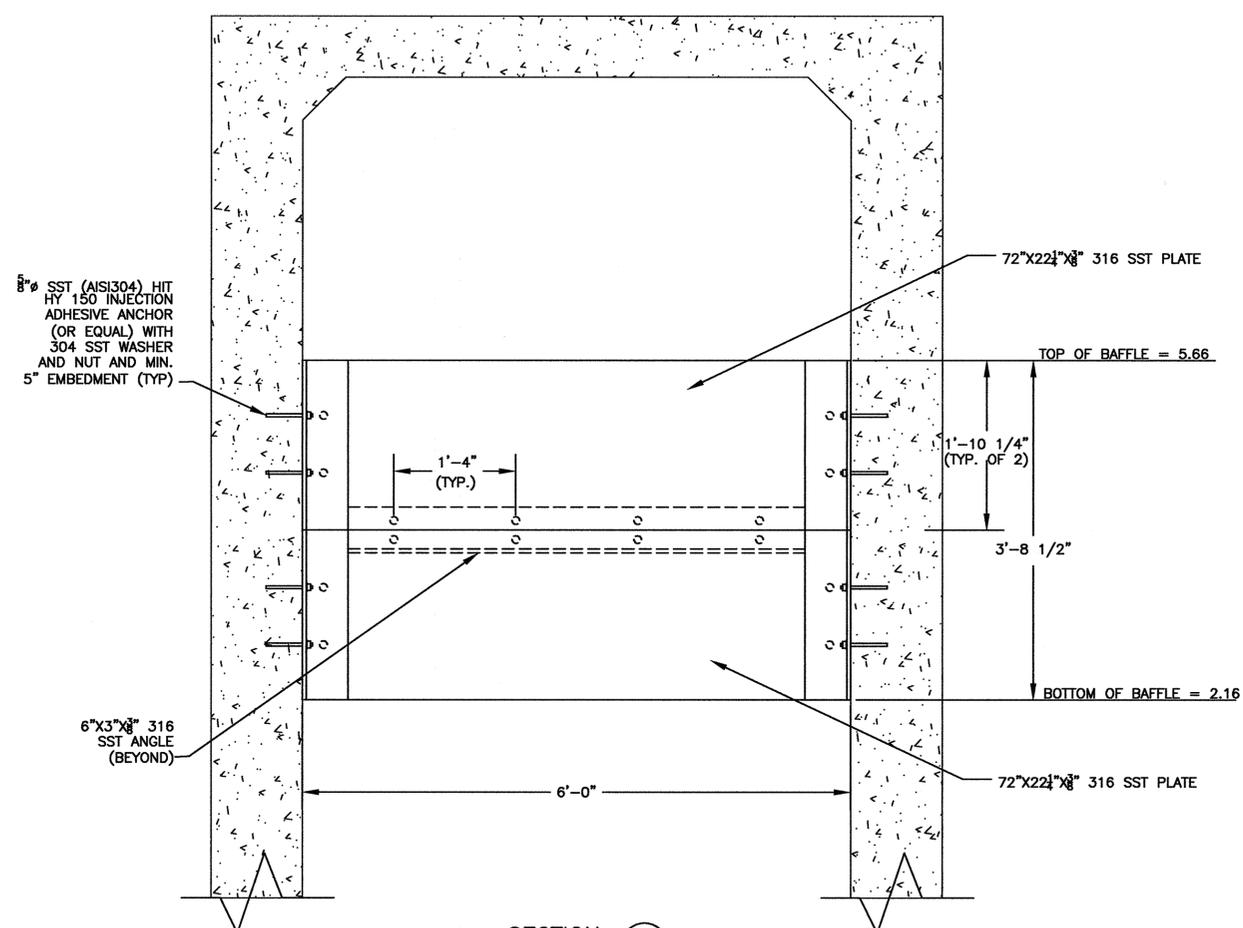
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CITY OF CAMBRIDGE, MA	
ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)	
CAM 002 FLOATABLES CONTROL BAFFLE DETAILS	

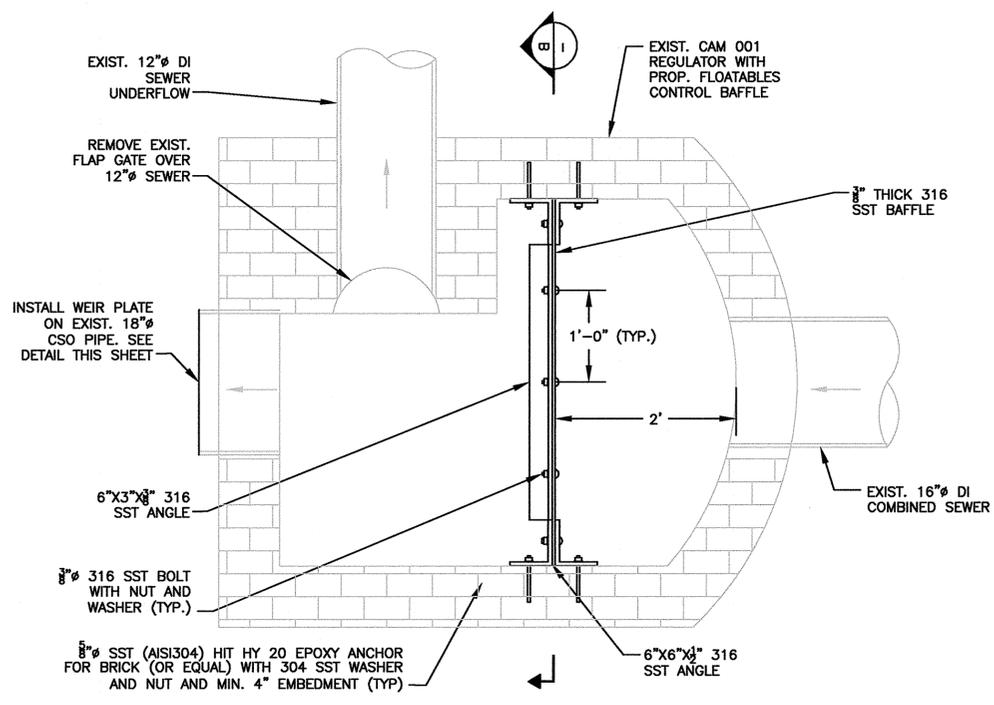
Sheet No.	C-19
File No.	



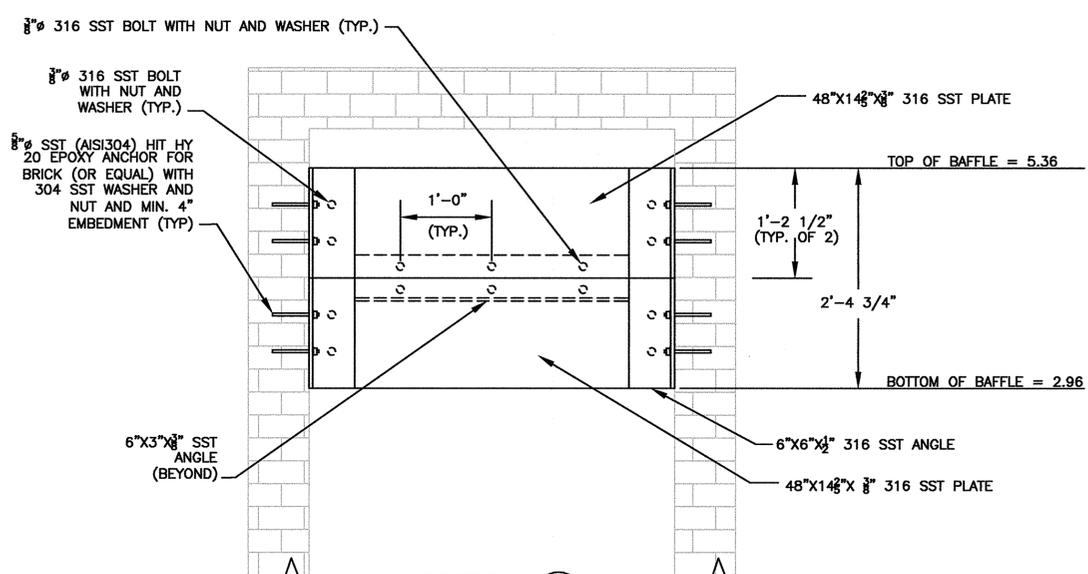
CAM 401B FLOATABLES BAFFLE-PLAN
SCALE: 1" = 1'



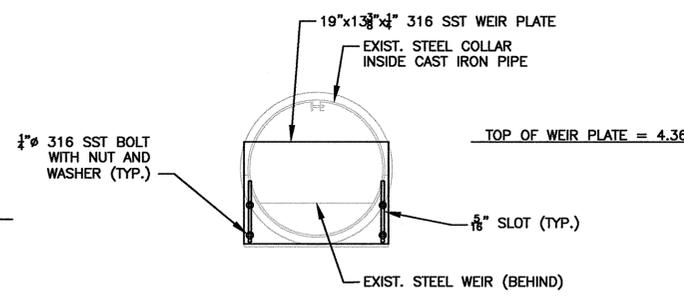
SECTION A
SCALE: 1" = 1'



CAM 001 FLOATABLES BAFFLE-PLAN
SCALE: 1" = 1'



SECTION B
SCALE: 1" = 1'



CAM 001 WEIR PLATE DETAIL
SCALE: 1" = 1'



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WILLIAM C. PISANO
REGISTERED PROFESSIONAL ENGINEER
SANITARY
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Date	JANUARY 15, 2010			
Job No.	1006250			
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CITY OF CAMBRIDGE, MA
ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND
CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)
CAM 401B FLOATABLES CONTROL
BAFFLE DETAILS

Sheet No. C-20
File No.