

PARCEL DATA:

ASSESSOR'S MAP 100, LOT 90
CURRENT OWNER: THOMAS W. & SUZANNE E. BERGERON
24 ASHTEAD ROAD, BRIDGEWATER, MA
DEED REFERENCE: BOOK 42875, PAGE 186
TOTAL AREA: 3.45 Acres
ASSESSOR'S MAP 87, LOT 142
CURRENT OWNER: TRINITY COVENANT CHURCH OF BRIDGEWATER
1095 SOUTH STREET, BRIDGEWATER, MA
DEED REFERENCE: BOOK 5202, PAGE 240
TOTAL AREA: 13.13 Acres
ZONING REFERENCE: RESIDENTIAL A/B
MIN. LOT SIZE: 43,560 S.F.
MIN. FRONTAGE: 150 FEET
MIN. FRONT YARD: 40 FEET
MIN. SIDE YARD: 20 FEET
MIN. REAR YARD: 30 FEET
MIN. WETLAND SETBACK: 50 FEET
THE FLOOD INSURANCE RATE MAP IDENTIFIES THE SUBJECT
PROPERTY AS BEING IN ZONE X; MAP 25023C0303K;
DATED JULY 16, 2015.

PLAN REFERENCES:

1. LOT NUMBERS REFER TO THE TOWN OF BRIDGEWATER
ASSESSOR'S MAP AND LOT NUMBERS.
PROPERTY LINE INFORMATION OBTAINED FROM THE
FOLLOWING:
PLAN BOOK 20 PAGE 1193
PLAN BOOK 45 PAGE 343
PLAN BOOK 58 PAGE 676
PLAN BOOK 59 PAGE 127
PLAN BOOK 60 PAGE 1009
3. FIELD SURVEY PERFORMED BY SILVA ENGINEERING
ASSOCIATES P.C. ON JANUARY 12, 2017.
4. WETLAND DELINEATION PERFORMED BY PINEBROOK
CONSULTING ON DECEMBER 21, 2016. DEP FILE NO
SE116-1400.

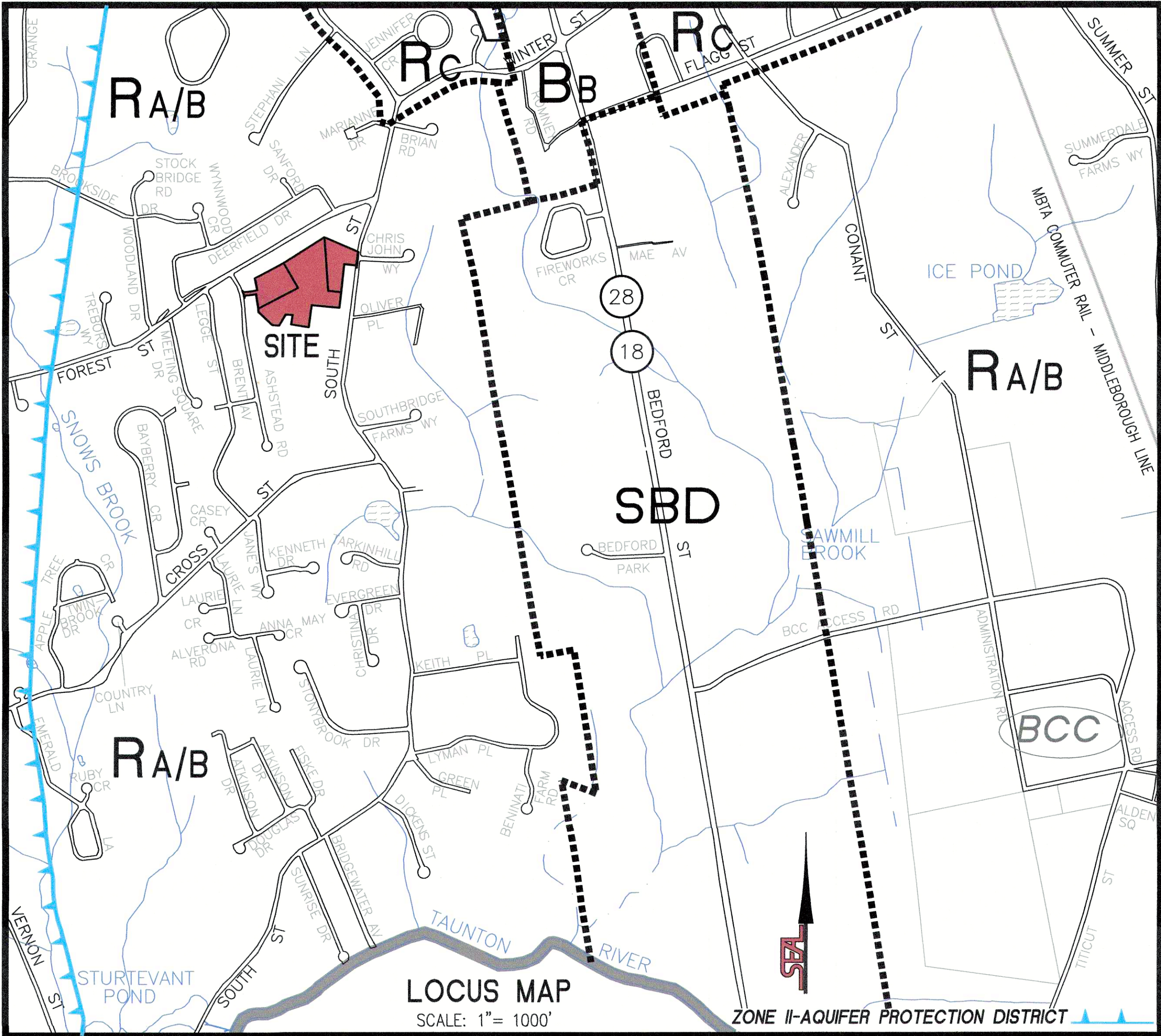
A DEFINITIVE SUBDIVISION
"TRINITY CIRCLE"

ASSESSOR'S MAP 100, LOT 90 & ASSESSOR'S MAP 87, LOT 142
TRINITY CIRCLE, BRIDGEWATER, MASSACHUSETTS
SUBMISSION DATE: DECEMBER 14, 2016
REVISED: MAY 12, 2017

WAIVERS REQUESTED FROM THE FOLLOWING SECTIONS OF THE
SUBDIVISION REGULATIONS:

- IV.B.3.(4) DRAIN LINES: WAIVER REQUESTED FROM STRICT COMPLIANCE WITH THE REQUIRED 3'-6" COVER
OVER A DRAIN LINE (FOR THE DRAIN LINE FROM THE PROPRIETARY UNIT TO BASIN 1 AND BASIN
1 OUTFALL).
- IV.B.3.(4) DRAINAGE BASINS: A WAIVER IS REQUESTED FROM STRICT COMPLIANCE WITH CURRENT RULES
AND REGULATIONS GOVERNING THE SUBDIVISION OF LAND SECTION IV.B.6 DRAINAGE BASINS
AND THE REQUIREMENTS OF DETAIL 10. IT IS REQUESTED TO ALLOW THE RECHARGE
COMPONENT TO BE DESIGNED IN COMPLIANCE WITH THE CURRENT REQUIREMENTS OF THE
MASSACHUSETTS STORMWATER MANAGEMENT BMP'S AS OUTLINED IN THE PROPOSED CHANGES
TO THE RULES AND REGULATIONS GOVERNING THE SUBDIVISION OF LAND.
- V.B.4 DRAINAGE PIPE DESIGN: A WAIVER IS REQUESTED FOR RELIEF FROM MINIMUM DESIGN VELOCITY OF
3.0 FPS IN CATCH BASIN TO DRAINAGE MANHOLE CONNECTIONS.
- V.B.1 TYPICAL CROSS SECTION:
WAIVER REQUESTED TO ALLOW WATER LINE LOCATION ON RIGHT AND DRAIN LINE LOCATION ON LEFT.
WAIVER REQUESTED FROM REQUIRED CROSS SECTION (DRAIN LINE TO BE LOCATED 5 FEET OFF
CENTERLINE).
- V.B.25 MONUMENTS: WAIVER REQUESTED FOR USE OF CONCRETE BOUNDS IN LIEU OF GRANITE BOUNDS.
CONCRETE BOUNDS ARE EASIER TO LOCATE WITH METAL DETECTOR.

THE ROADWAY TO BE KNOWN AS "TRINITY CIRCLE" IS TO REMAIN A PRIVATE WAY IN PERPETUITY
AND NOT BE ACCEPTED AS A PUBLIC WAY BY THE TOWN OF BRIDGEWATER. MAINTENANCE OF
THE ROADWAY SHALL BE THE RESPONSIBILITY OF THE OWNERS OF THE LOTS SHOWN HEREON. A
DOCUMENT WHICH SETS FORTH THE RESPONSIBILITIES FOR THE MAINTENANCE OF THE ROADWAY
SHALL BE RECORDED WITH THIS PLAN AND SHALL BE RECORDED ON THE CHAIN OF TITLE.



SHEET #	CONTENTS	LATEST DATE
1 OF 12	COVER	8/21/2017
2 OF 12	EXISTING PARCEL PLAN	8/21/2017
3 OF 12	EXISTING CONDITIONS	8/21/2017
4 OF 12	SEDIMENT & EROSION CONTROL; SITE DESIGN CONSIDERATIONS	8/21/2017
5 OF 12	LOT LAYOUT	8/21/2017
6 OF 12	PLAN & PROFILE	8/21/2017
7 OF 12	DRAINAGE PLAN & PROFILE	8/21/2017
8 OF 12	TOPOGRAPHIC & GRADING	8/21/2017
9 OF 12	CONSTRUCTION DETAILS	8/21/2017
10 OF 12	PRE-DEVELOPMENT	8/21/2017
11 OF 12	POST-DEVELOPMENT	8/21/2017
12 OF 12	ASHTEAD ROAD TRIBUTARY	8/21/2017

BRIDGEWATER PLANNING BOARD
APPROVAL UNDER SECTION 81-U SUBDIVISION CONTROL LAW REQUIRED

DATE _____
I HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS
PLAN BY THE BRIDGEWATER PLANNING BOARD HAS BEEN
RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF
APPEAL HAS BEEN RECEIVED DURING THE TWENTY DAYS NEXT
AFTER SUCH RECEIPT OF SAID NOTICE.
DATE _____ BRIDGEWATER TOWN CLERK

NOTES:
PLANS SUBJECT TO COVENANTS, CONDITIONS AND RESTRICTIONS SET FORTH IN
A COVENANT, TO BE RECORDED HERewith.
BRIDGEWATER BOARD OF HEALTH
DATE _____

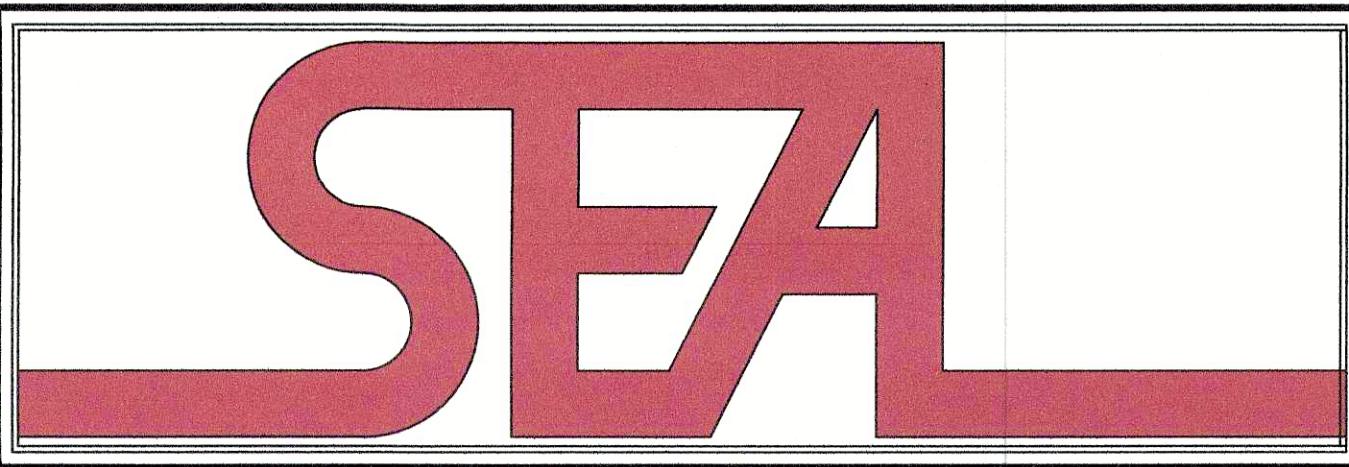
FOR REGISTRY USE ONLY

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED IN ACCORDANCE
WITH THE RULES & REGULATIONS OF THE REGISTRY OF DEEDS OF THE
COMMONWEALTH OF MASSACHUSETTS, AND THE DESIGNED CONTENT OF
THE DEFINITIVE SUBDIVISION PLAN RELATIVE TO ENGINEERING CONFORMS
WITH ALL APPLICABLE RULES AND REGULATIONS ESTABLISHED HEREIN
WITH EXCEPTIONS SPECIFICALLY NOTED ON THE PLAN.

LAWRENCE P. SILVA, P.E. REG No. 33381-C
DATE 8/21/2017

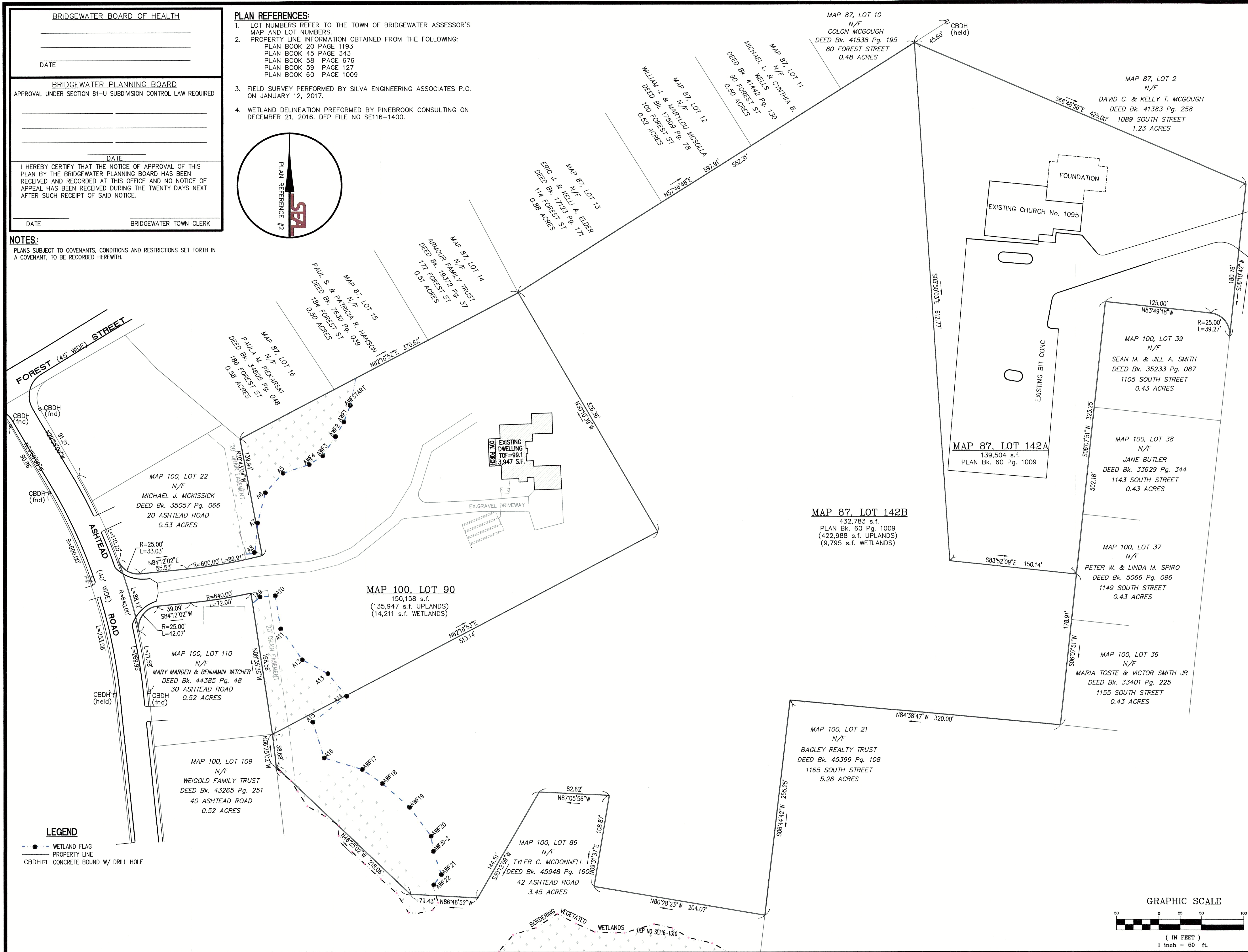
APPLICANT / PREPARED FOR:
TRINITY COVENANT CHURCH OF BRIDGEWATER
1095 SOUTH STREET
BRIDGEWATER, MASSACHUSETTS 02324

PREPARED BY:
SILVA ENGINEERING ASSOCIATES, P.C.
1615 BEDFORD STREET
BRIDGEWATER, MASSACHUSETTS 02324



LAWRENCE P. SILVA, P.E.

REVISIONS			
DATE	DRAWN	DESCRIPTION	
1/27/17	RAB	ADJUST WETLAND LINE; DRAINAGE DESIGN; TEST PIT DATA	
2/28/17	RAB	ADDRESS TOWN ENGINEER COMMENTS THROUGH FEB. 14, 2017	
5/12/17	MGB	RAISE ROADWAY, RELOCATE DRAINAGE BASIN TO ADDRESS STORMWATER CONCERNS	
6/14/17	RAB	REVISE CULVERT AND INFILTRATION BASIN	
8/1/17	RAB	ADDRESS COMMENTS FROM 7/29/17	
8/21/17	RAB	ADDRESS COMMENTS FROM 8/10/17	
DRAWN	DATE	ACAD FILE	SHEET
MGB	12/14/16	01099Defsub9	1 OF 12



FOR REGISTRY USE ONLY

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE RULES & REGULATIONS OF THE REGISTRY OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS, AND THE LAND BOUNDARY DATA AND THE TOPOGRAPHIC DATA SHOWN ON THE PLAN(S) HAVE BEEN OBTAINED, COMPILED AND PREPARED IN CONFORMANCE TO 250 CMR 6.01 AND 250 CMR 6.02 RESPECTIVELY, AS AMENDED; NOTING ANY DEVIATIONS FROM THESE REGULATIONS.

LAWRENCE P. SILVA, P.E. REG. NO. 33381-C

DATE 8/21/2017

JONATHAN J. PINK, P.L.S. REG. NO. 41787

DATE 8/21/2017

PARCEL DATA:

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CURRENT OWNER: THOMAS W. & SUZANNE E. BERGERON
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DEED REFERENCE: BOOK 42875, PAGE 186
TOTAL AREA: 3.45 Acres

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DEFINITIVE SUBDIVISION
TRINITY CIRCLE

'EXISTING PARCEL PLAN'

SITE:
ASSESSOR'S MAP 100, LOT 90
ASSESSOR'S MAP 87, LOT 142
off ASHTEAD ROAD
BRIDGEWATER, MASSACHUSETTS

PREPARED FOR:
TRINITY COVENANT CHURCH

SILVA ENGINEERING ASSOCIATES, P.C.

CIVIL ENGINEERS, LAND SURVEYORS
& ENVIRONMENTAL CONSULTANTS
1615 BEDFORD STREET
BRIDGEWATER, MA. 02324
PHONE (508) 697-3100 FAX (508) 697-3136
www.silvaeng.com

SCALE	DRAWN	DATE	ACAD FILE	SHEET
1" = 50'	MGB	12/14/16	01099Defsub9	2 OF 12

BRIDGEWATER BOARD OF HEALTH

DATE

BRIDGEWATER PLANNING BOARD

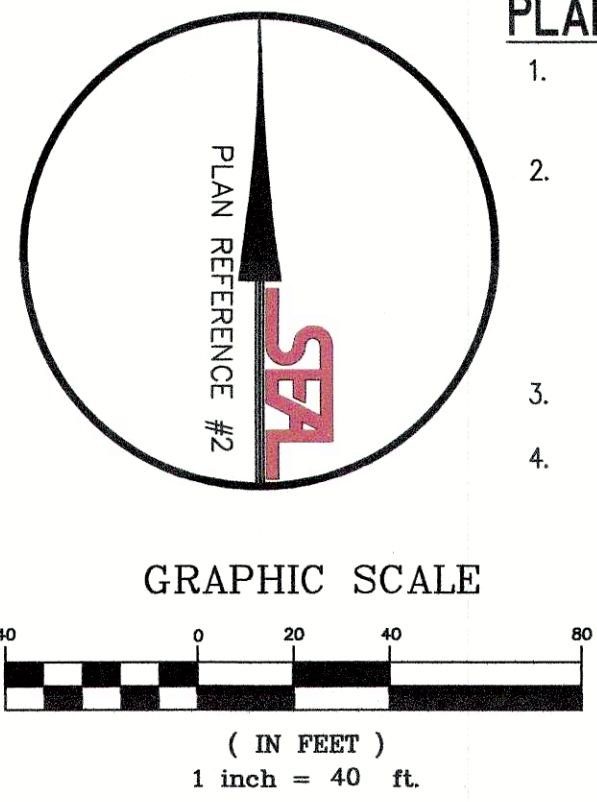
APPROVAL UNDER SECTION 81-U SUBDIVISION CONTROL LAW REQUIRED

DATE

I HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE BRIDGEWATER PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL HAS BEEN RECEIVED DURING THE TWENTY DAYS NEXT AFTER SUCH RECEIPT OF SAID NOTICE.

DATE

BRIDGEWATER TOWN CLERK

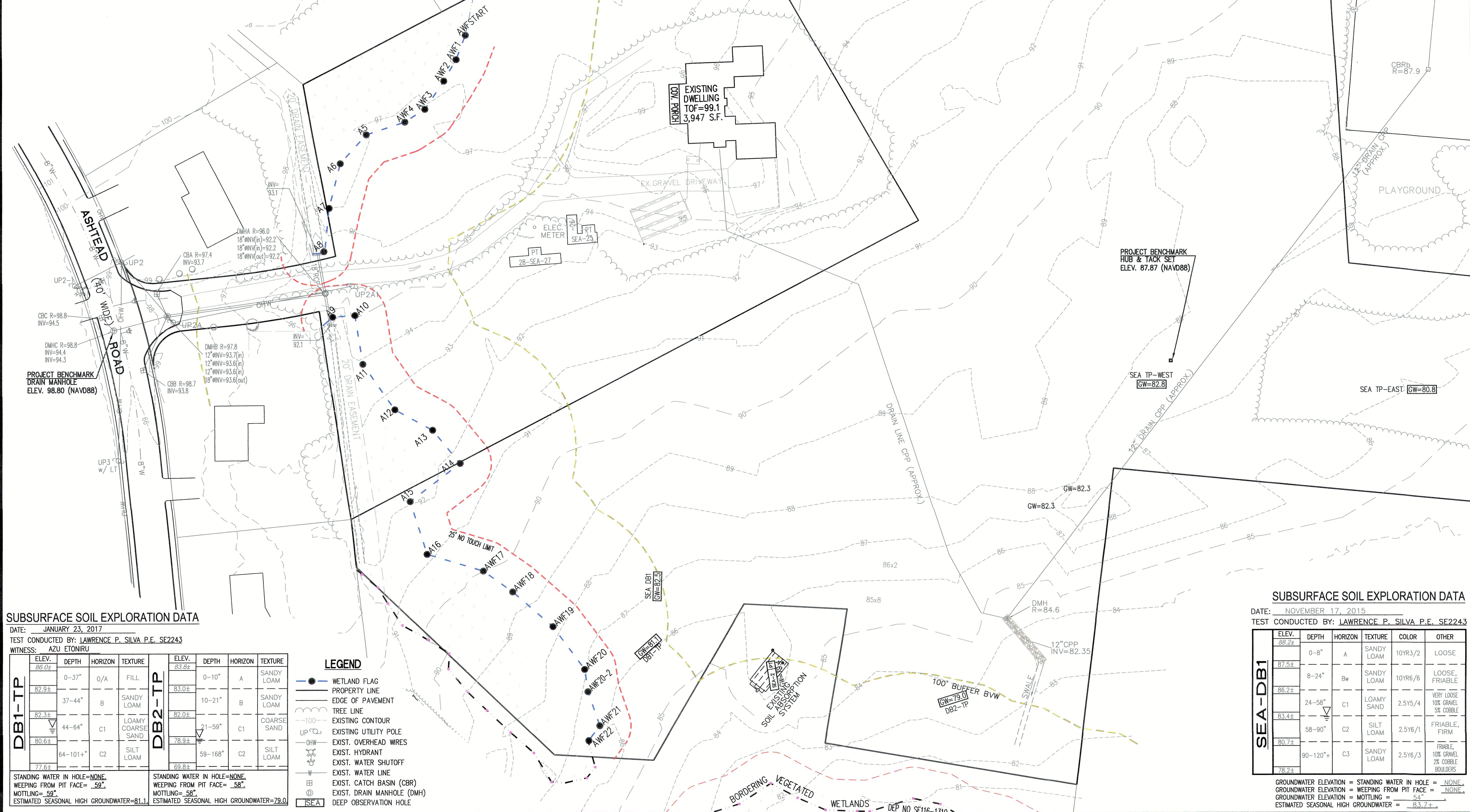


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1. LOT NUMBERS REFER TO THE TOWN OF BRIDGEWATER ASSESSOR'S MAP AND LOT NUMBERS.
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 - PLAN BOOK 58 PAGE 676
 - PLAN BOOK 59 PAGE 127
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3. FIELD SURVEY PERFORMED BY SILVA ENGINEERING ASSOCIATES P.C. ON JANUARY 12, 2017.
4. WETLAND DELINEATION PERFORMED BY PINEBROOK CONSULTING ON DECEMBER 21, 2016. DEP FILE NO SE116-1400.

NOTES:

PLANS SUBJECT TO COVENANTS, CONDITIONS AND RESTRICTIONS SET FORTH IN A COVENANT, TO BE RECORDED HERewith.



SUBSURFACE SOIL EXPLORATION DATA

DATE: JANUARY 23, 2017
TEST CONDUCTED BY: LAWRENCE P. SILVA P.E. SE2243
WITNESS: AZU ETORIRU

ELEV.	DEPTH	HORIZON	TEXTURE	ELEV.	DEPTH	HORIZON	TEXTURE
86.0	0-37"	0/A	FILL	83.8	0-10"	A	SANDY LOAM
82.9	37-44"	B	SANDY LOAM	83.0	10-21"	B	SANDY LOAM
82.3	44-64"	C1	LOAMY COARSE SAND	82.0	21-59"	C1	COARSE SAND
80.6	64-101"	C2	SILT LOAM	78.9	59-168"	C2	SILT LOAM
77.6				69.8			

STANDING WATER IN HOLE=NONE.
WEeping FROM PIT FACE= .59".
MOTTLING= .58".
ESTIMATED SEASONAL HIGH GROUNDWATER=81.1.

STANDING WATER IN HOLE=NONE.
WEeping FROM PIT FACE= .58".
MOTTLING= .58".
ESTIMATED SEASONAL HIGH GROUNDWATER=79.0.

LEGEND

- WETLAND FLAG
- PROPERTY LINE
- EDGE OF PAVEMENT
- TREE LINE
- EXISTING CONTOUR
- EXISTING UTILITY POLE
- EXIST. OVERHEAD WIRES
- EXIST. HYDRANT
- EXIST. WATER SHUTOFF
- EXIST. WATER LINE
- EXIST. CATCH BASIN (CBR)
- EXIST. DRAIN MANHOLE (DMH)
- DEEP OBSERVATION HOLE

SUBSURFACE SOIL EXPLORATION DATA

DATE: NOVEMBER 17, 2015
TEST CONDUCTED BY: LAWRENCE P. SILVA P.E. SE2243

ELEV.	DEPTH	HORIZON	TEXTURE	COLOR	OTHER
88.2	0-8"	A	SANDY LOAM	10YR3/2	LOOSE
87.5	8-24"	Bw	SANDY LOAM	10YR6/6	LOOSE, FRIABLE
86.2	24-58"	C1	LOAMY SAND	2.5Y5/4	VERY LOOSE 10% GRAVEL 5% COBBLE
83.4	58-90"	C2	SILT LOAM	2.5Y6/1	FRIABLE, FIRM
80.7	90-120"	C3	SANDY LOAM	2.5Y6/3	FRIABLE, 10% GRAVEL 2% COBBLE BOULDERS
78.2					

GROUNDWATER ELEVATION = STANDING WATER IN HOLE = NONE.
GROUNDWATER ELEVATION = WEeping FROM PIT FACE = .54".
GROUNDWATER ELEVATION = MOTTLING = .54".
ESTIMATED SEASONAL HIGH GROUNDWATER = 83.7.

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LAWRENCE P. SILVA, P.E. REG No. 33381-C

DATE 8/21/2017

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ASSESSOR'S MAP 100, LOT 90
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8/1/17	RAB	ADDRESS COMMENTS FROM 7/29/17
8/21/17	RAB	ADDRESS COMMENTS FROM 8/10/17

DEFINITIVE SUBDIVISION
TRINITY CIRCLE

'EXISTING CONDITIONS'

SITE:
ASSESSOR'S MAP 100, LOT 90
ASSESSOR'S MAP 87, LOT 142
off ASSTEAD ROAD
BRIDGEWATER, MASSACHUSETTS

PREPARED FOR:
TRINITY COVENANT CHURCH

SILVA ENGINEERING ASSOCIATES, P.C.
CIVIL ENGINEERS, LAND SURVEYORS & ENVIRONMENTAL CONSULTANTS
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SCALE	DRAWN	DATE	ACAD FILE	SHEET
1" = 40'	MGB	12/14/16	01099Defsub9	3 OF 12

BRIDGEWATER BOARD OF HEALTH

DATE

BRIDGEWATER PLANNING BOARD

APPROVAL UNDER SECTION 81-U SUBDIVISION CONTROL LAW REQUIRED

DATE

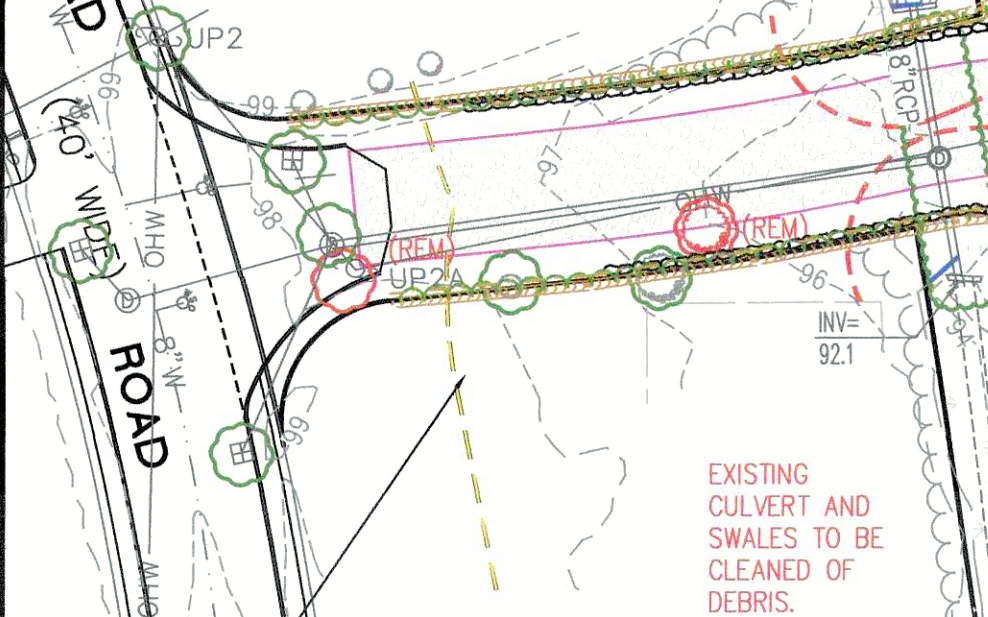
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DATE

BRIDGEWATER TOWN CLERK

NOTES:
PLANS SUBJECT TO COVENANTS, CONDITIONS AND RESTRICTIONS SET FORTH IN A COVENANT, TO BE RECORDED HEREWITH.

NOTE:
THE WATER SERVICE TO THE EXISTING DWELLING IS TO REMAIN IN PLACE UNTIL SUCH TIME THAT THE DWELLING CAN BE SERVICED BY THE NEW SUBDIVISION WATER MAIN. AT THAT TIME THE EXISTING WATER SERVICE IS TO BE CUT, CAPPED, AND ABANDONED IN PLACE.



SAWOUT LINE
NOTE:
THE EXISTING ENTRANCE PAVEMENT IS TO REMAIN IN PLACE UNTIL SUCH TIME THAT THE PROPOSED ROADWAY IS TO BE ROUGH GRADED.

NOTE:
THE EXISTING GRAVEL DRIVEWAY IS TO BE RELOCATED TO PROVIDE AN UNIMPEDED ACCESS TO THE EXISTING DWELLING. THE GRAVEL DRIVEWAY SHALL REMAIN IN PLACE UNTIL SUCH TIME THAT THE SUBDIVISION ROAD HAS BEEN FURNISHED WITH ITS BINDER COURSE.

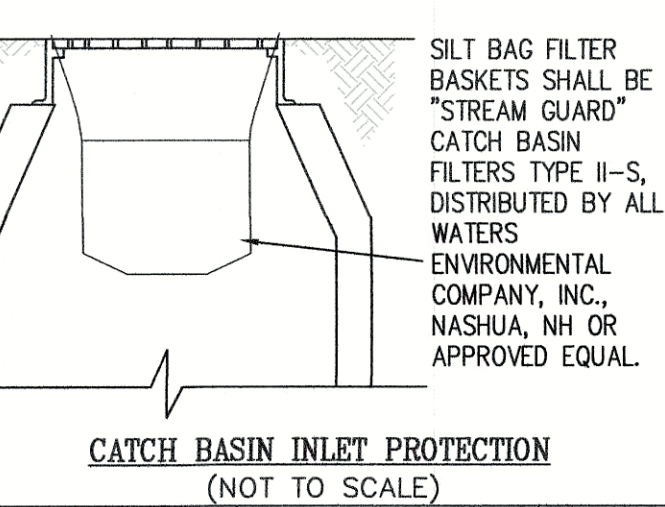
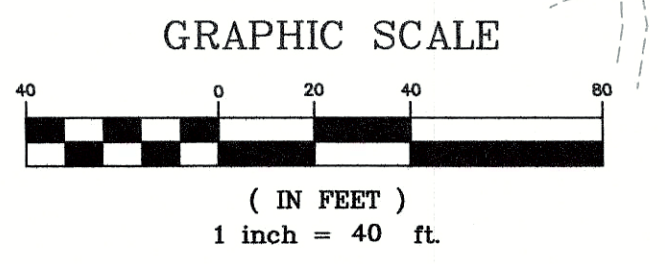
THE CONSTRUCTION ENTRANCE IS TO BE MAINTAINED AND KEPT FREE OF VEHICLES AND CONSTRUCTION MATERIALS.

NOTE:
PRIOR TO THE REMOVAL OF UTILITY POLE 2A AND 2A1, THE CONTRACTOR IS TO PROVIDE A TEMPORARY ELECTRIC SERVICE TO THE EXISTING DWELLING AS TO NOT INTERRUPT THE FLOW OF ELECTRICITY TO THE DWELLING.
UPON COMPLETION OF THE SUBDIVISION UTILITIES, THE EXISTING DWELLING WILL BE CONNECTED TO THE NEW UNDERGROUND ELECTRIC.

LOCATION OF UTILITIES SHOWN ARE FROM OBSERVED EVIDENCE TOGETHER WITH EVIDENCE FROM PLANS OBTAINED FROM UTILITY COMPANIES OR PROVIDED BY CLIENT, AND MARKINGS BY UTILITY COMPANIES AND OTHER APPROPRIATE SOURCES. THIS IS NOT IMPLIED NOR INTENDED TO BE THE COMPLETE INVENTORY OF UTILITIES IN THIS AREA. IT IS THE CLIENTS/CONTRACTORS RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES (WHETHER SHOWN OR NOT) AND TO NOTIFY DISSAFE AND ALL UTILITY COMPANIES, AGENCIES, DEPARTMENTS PRIOR TO CONSTRUCTION FOR THE LOCATION OF ALL UNDERGROUND UTILITIES AND PROTECT SAID UTILITIES FROM ANY DAMAGE.

- Planned Erosion and Sedimentation Control
- Temporary Gravel Construction Entrance/Exit: A temporary gravel entrance shall be installed for dust mitigation. Crushed stone (2" to 3") shall be placed (approximately 170) feet into site at entrance ways during construction activities. During wet weather it may be necessary to wash vehicle tires at this location. The entrance will be graded so that runoff water will not be directed to critical resources areas.
 - Catch Basin/Water Quality Inlet Protection: A temporary silt sack will be installed on all inlets and be protected by haybales until such time as deemed appropriate after stabilization of the proposed drainage system.
 - Tree Preservation and Protection: A minimum 2.0 ft. high protective fence will be erected around any trees that are to remain on site during and after construction activities. Sediment fence materials may be used for this purpose.
 - Sediment Fence: A sediment fence will be constructed around the topsoil stockpile and adjacent to the deep cut areas as necessary to prevent erosion and sediment from entering critical areas.
 - Outlet Stabilization Structure: A riprap apron will be located at ALL drainage outlets shown on the plans to prevent scour.
 - Surface Roughening: The 3:1 cut slopes will be lightly roughened by disking just prior to vegetating, and the surface 4 to 6 inches of the 2:1 fill slopes will be left in a loose condition and grooved on the contour.
 - Surface Stabilization: Stabilization of the surface will be accomplished with vegetation and mulch. Roadway base course will be installed as soon as finished grade is reached.

- LEGEND
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 - EXIST. CATCH BASIN (CBR)
 - EXIST. DRAIN MANHOLE (DMH)
 - PROPOSED SEDIMENTATION CONTROL
 - PROPOSED LIMIT OF ROADWAY CLEARING
 - TO BE REMOVED/RAZED
 - PROTECT DURING CONSTRUCTION



Dust Control: The Contractor shall take steps to minimize the amount of dust generated on the site including those procedures contained in this document.

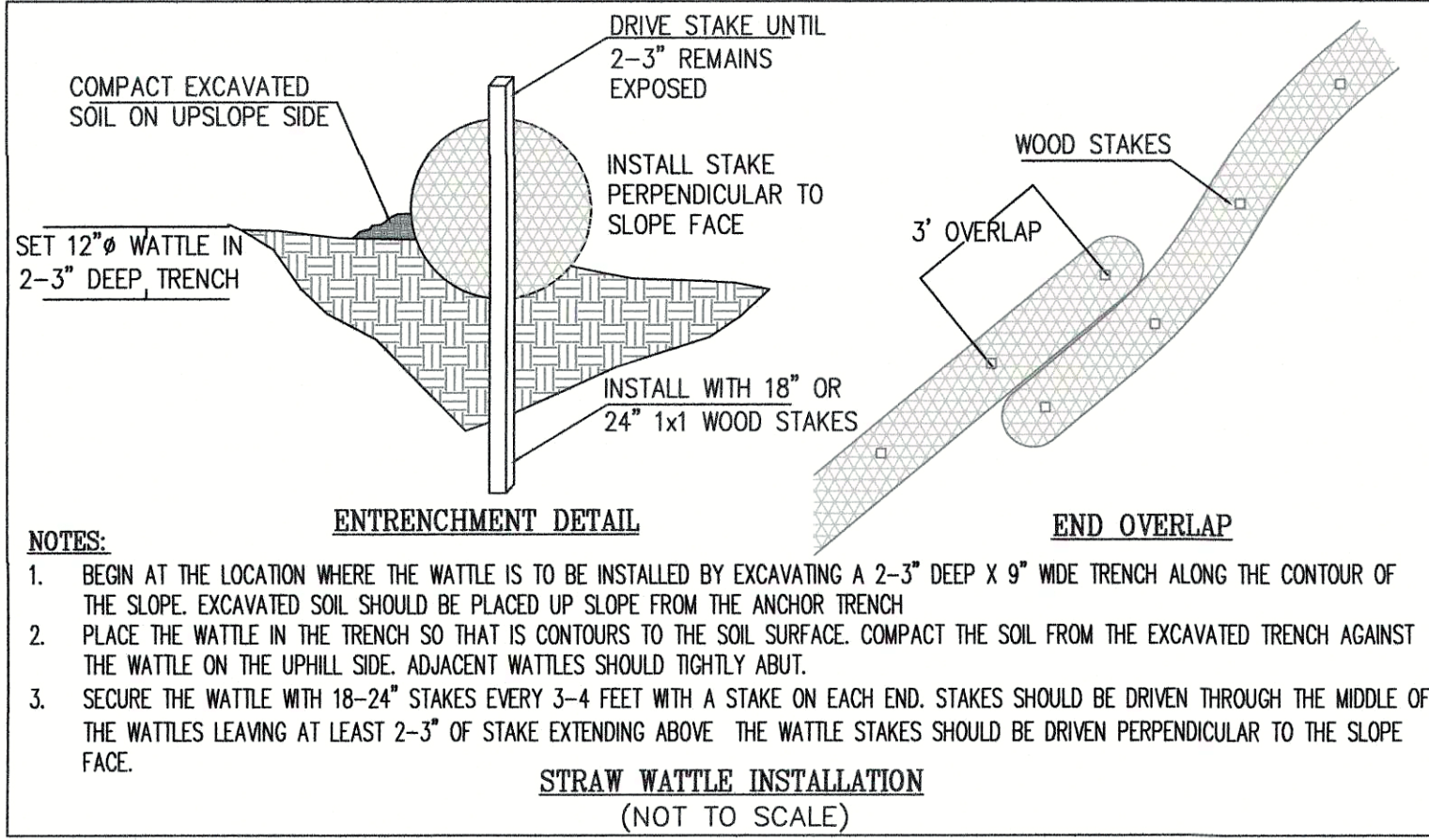
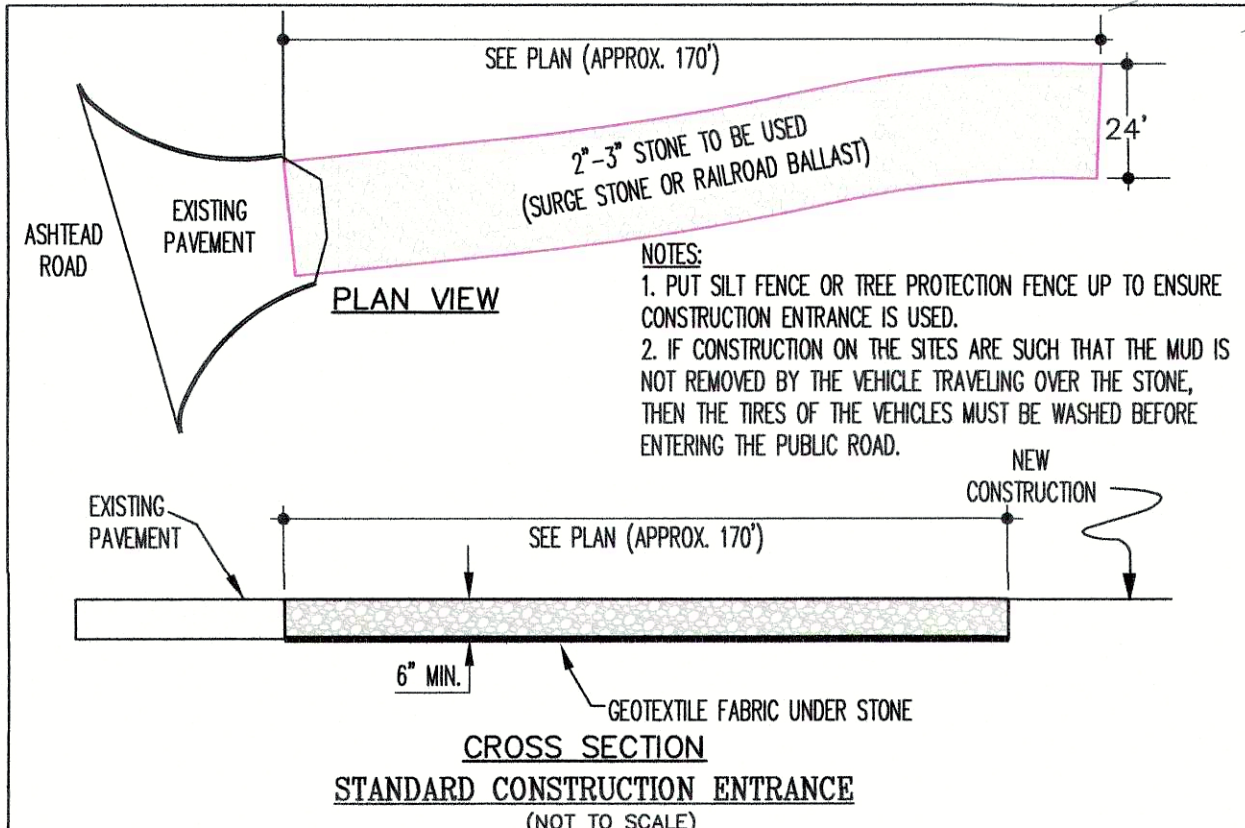
Surface Wetting: The Contractor shall ensure that all surfaces to be excavated are wet prior to, and if necessary, during excavation. Other potential wetting and/or dust control agents may be proposed for use by the Contractor and must be approved by the Town prior to use on site. If water is applied to the site, it shall not be applied in sufficient quantity or pressure to cause channeling or erosion of the surface to which it is applied.

Pavement Cleaning: During periods when trucks are transporting soil and/or landscaping materials to or from the site, dirt that may have been tracked off the site shall be removed daily from the pavement and sidewalks. The area to be cleaned is to extend to the limit of noticeable dirt tracked from the site or for a distance of 100 feet on each side of a vehicle entrance or exit, whichever is greater. If water is used to clean the sidewalk or street then the quantity of water used shall not result in sediment being washed into the storm sewer catch basins or for excess water to freeze on the street. If in the opinion of the Town, manual street sweeping is insufficient to control the dirt tracked from the site, the Town may require the Contractor to use a mechanical street sweeper for pavement cleaning operations. Street sweepings shall not be disposed in any catch basin or any sewer. Street sweepings shall be disposed of as a waste along with waste soil in accordance with applicable regulations.

Entry/Exit Points: All equipment, including but not limited to vehicles, trucks, excavating equipment and hand tools leaving the site must be free of dirt prior to removal (either temporarily or permanently) from the site.

Designated Routes: All vehicles transporting soil or other materials to or from the site shall follow designated routes within the site. These routes are to be established by the contractor and marked by the contractor. The primary purpose of these routes is to reduce the contact between vehicles and impacted areas of the site. The location of the designated routes on the site shall be subject to environmental and geotechnical requirements.

Tarped Loads: All trucks leaving the site which have been loaded with soil or debris shall be tarped in accordance with applicable regulations.



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LAWRENCE P. SILVA, P.E. REG No. 33381-C

DATE 8/21/2017

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REVISIONS		
DATE	DRAWN	DESCRIPTION
1/27/17	RAB	ADJUST WETLAND LINE; DRAINAGE DESIGN; TEST PIT DATA
2/28/17	RAB	ADDRESS TOWN ENGINEER COMMENTS THROUGH FEB. 14, 2017
5/12/17	MGB	RAISE ROADWAY, RELOCATE DRAINAGE BASIN TO ADDRESS STORMWATER CONCERNS
6/14/17	RAB	REVISE CULVERT AND INFILTRATION BASIN
8/1/17	RAB	ADDRESS COMMENTS FROM 7/29/17
8/21/17	RAB	ADDRESS COMMENTS FROM 8/10/17

DEFINITIVE SUBDIVISION
TRINITY CIRCLE

'SEDIMENT & EROSION CONTROL:'
'SITE DESIGN CONSIDERATIONS'

SITE:
ASSESSOR'S MAP 100, LOT 90
ASSESSOR'S MAP 87, LOT 142
off ASSTEAD ROAD
BRIDGEWATER, MASSACHUSETTS

PREPARED FOR:
TRINITY COVENANT CHURCH

SILVA ENGINEERING ASSOCIATES, P.C.
CIVIL ENGINEERS, LAND SURVEYORS & ENVIRONMENTAL CONSULTANTS
1615 BEDFORD STREET
BRIDGEWATER, MA. 02324
PHONE (508) 697-3100 FAX (508) 697-3136
www.silvaeng.com

SCALE	DRAWN	DATE	ACAD FILE	SHEET
1"= 40'	MGB	12/14/16	01099Defsub9	4 OF 12

BRIDGEWATER BOARD OF HEALTH

DATE

BRIDGEWATER PLANNING BOARD

APPROVAL UNDER SECTION 81-U SUBDIVISION CONTROL LAW REQUIRED

DATE

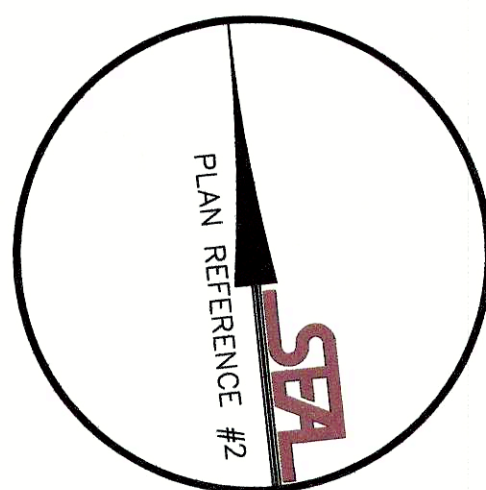
I HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE BRIDGEWATER PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL HAS BEEN RECEIVED DURING THE TWENTY DAYS NEXT AFTER SUCH RECEIPT OF SAID NOTICE.

DATE

BRIDGEWATER TOWN CLERK

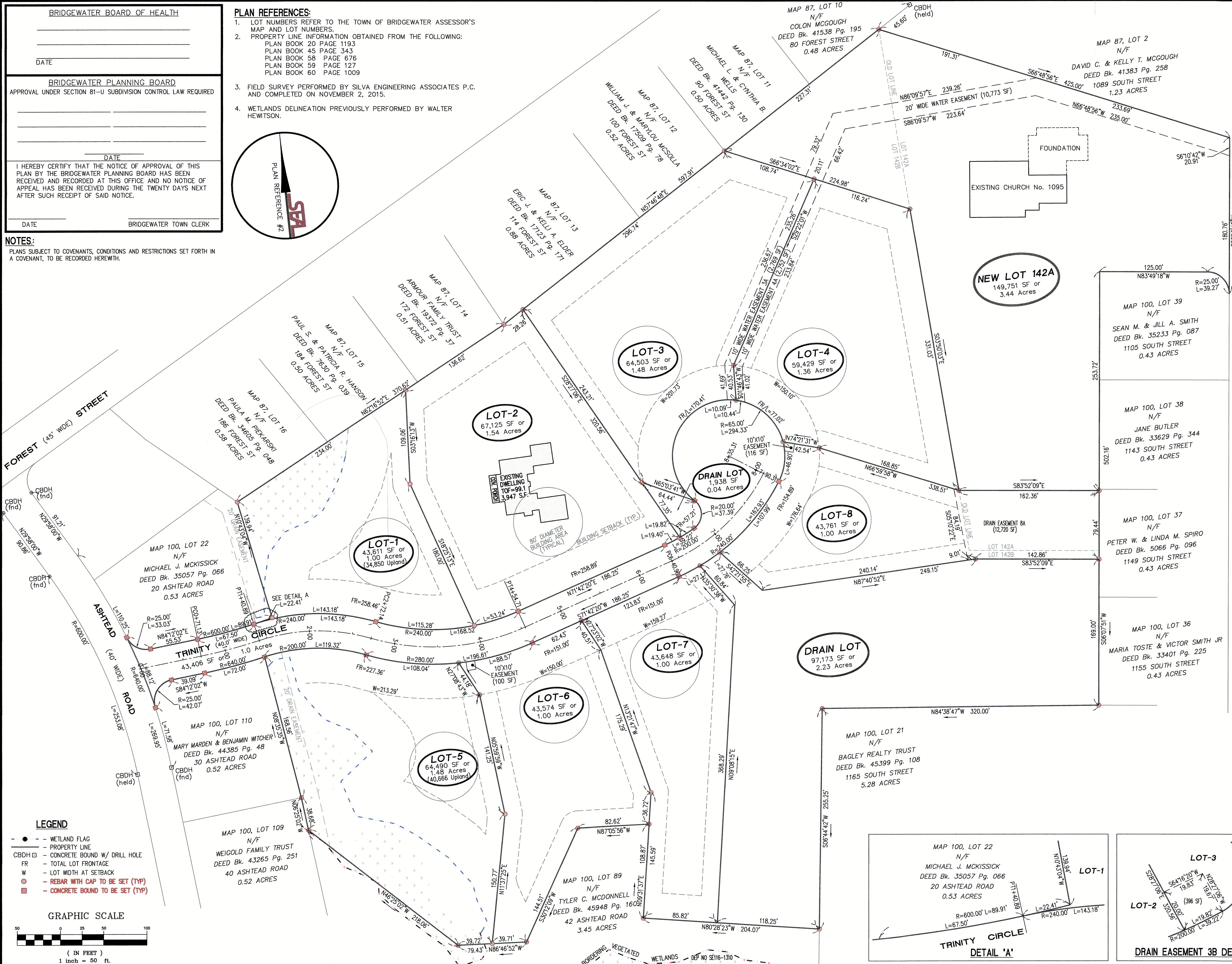
PLAN REFERENCES:

1. LOT NUMBERS REFER TO THE TOWN OF BRIDGEWATER ASSESSOR'S MAP AND LOT NUMBERS.
2. PROPERTY LINE INFORMATION OBTAINED FROM THE FOLLOWING:
PLAN BOOK 20 PAGE 1193
PLAN BOOK 45 PAGE 343
PLAN BOOK 58 PAGE 676
PLAN BOOK 59 PAGE 127
PLAN BOOK 60 PAGE 1009
3. FIELD SURVEY PERFORMED BY SILVA ENGINEERING ASSOCIATES P.C. AND COMPLETED ON NOVEMBER 2, 2015.
4. WETLANDS DELINEATION PREVIOUSLY PERFORMED BY WALTER HEWITSON.



NOTES:

PLANS SUBJECT TO COVENANTS, CONDITIONS AND RESTRICTIONS SET FORTH IN A COVENANT, TO BE RECORDED HERewith.



SOUTH STREET

FOR REGISTRY USE ONLY

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE RULES & REGULATIONS OF THE REGISTRY OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS, AND THE LAND BOUNDARY DATA AND THE TOPOGRAPHIC DATA SHOWN ON THE PLAN(S) HAVE BEEN OBTAINED, COMPILED AND PREPARED IN CONFORMANCE TO 250 CMR 6.01 AND 250 CMR 6.02 RESPECTIVELY, AS AMENDED, NOTING ANY DEVIATIONS FROM THESE REGULATIONS.

LAWRENCE P. SILVA, P.E. REG. NO. 33381-C

DATE 8/2/2017

JONATHAN J. PINK, P.L.S. REG. NO. 41787

DATE 8/2/2017

PARCEL DATA:

ASSESSOR'S MAP 100, LOT 90
CURRENT OWNER: THOMAS W. & SUZANNE E. BERGERON
24 ASHTEAD ROAD, BRIDGEWATER, MA
DEED REFERENCE: BOOK 42875, PAGE 186
TOTAL AREA: 3.45 Acres

ASSESSOR'S MAP 87, LOT 142
CURRENT OWNER: TRINITY COVENANT CHURCH OF BRIDGEWATER
1095 SOUTH STREET, BRIDGEWATER, MA
DEED REFERENCE: BOOK 5202, PAGE 240
TOTAL AREA: 13.13 Acres

ZONING REFERENCE: RESIDENTIAL A/B
MIN. LOT SIZE: 43,560 S.F.
MIN. FRONTAGE: 150 FEET
MIN. FRONT YARD: 40 FEET
MIN. SIDE YARD: 20 FEET
MIN. REAR YARD: 30 FEET
MIN. WETLAND SETBACK: 50 FEET

THE FLOOD INSURANCE RATE MAP IDENTIFIES THE SUBJECT PROPERTY AS BEING IN ZONE X; MAP 25023C0303K; DATED JULY 16, 2015.

REVISIONS		
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6/14/17	RAB	REVISE CULVERT AND INFILTRATION BASIN
8/1/17	RAB	ADDRESS COMMENTS FROM 7/29/17
8/21/17	RAB	ADDRESS COMMENTS FROM 8/10/17

DEFINITIVE SUBDIVISION
TRINITY CIRCLE

'LOT LAYOUT'

SITE:
ASSESSOR'S MAP 100, LOT 90
ASSESSOR'S MAP 87, LOT 142
off ASHTEAD ROAD
BRIDGEWATER, MASSACHUSETTS

PREPARED FOR:
TRINITY COVENANT CHURCH

SILVA ENGINEERING ASSOCIATES, P.C.
CIVIL ENGINEERS, LAND SURVEYORS & ENVIRONMENTAL CONSULTANTS
1615 BEDFORD STREET
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www.silvaeng.com

SCALE	DRAWN	DATE	ACAD FILE	SHEET
1" = 50'	MGB	12/14/16	01099Defsub9	5 OF 12

BRIDGEWATER BOARD OF HEALTH

DATE

BRIDGEWATER PLANNING BOARD

APPROVAL UNDER SECTION 81-U SUBDIVISION CONTROL LAW REQUIRED

DATE

I HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE BRIDGEWATER PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL HAS BEEN RECEIVED DURING THE TWENTY DAYS NEXT AFTER SUCH RECEIPT OF SAID NOTICE.

DATE

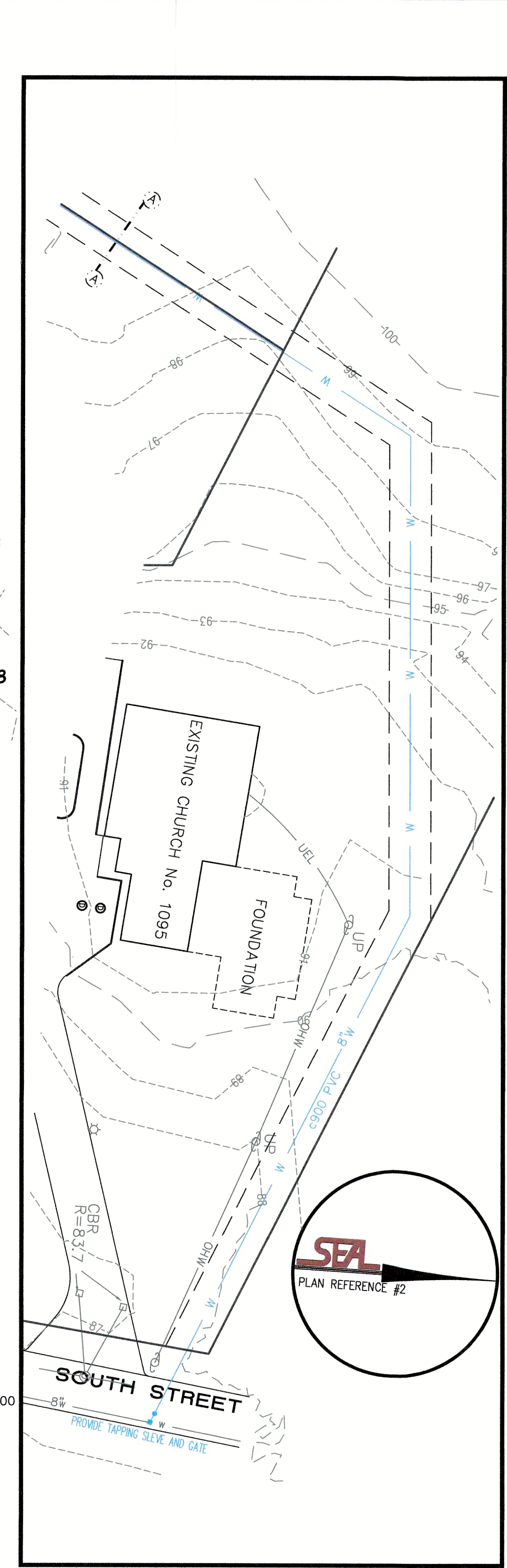
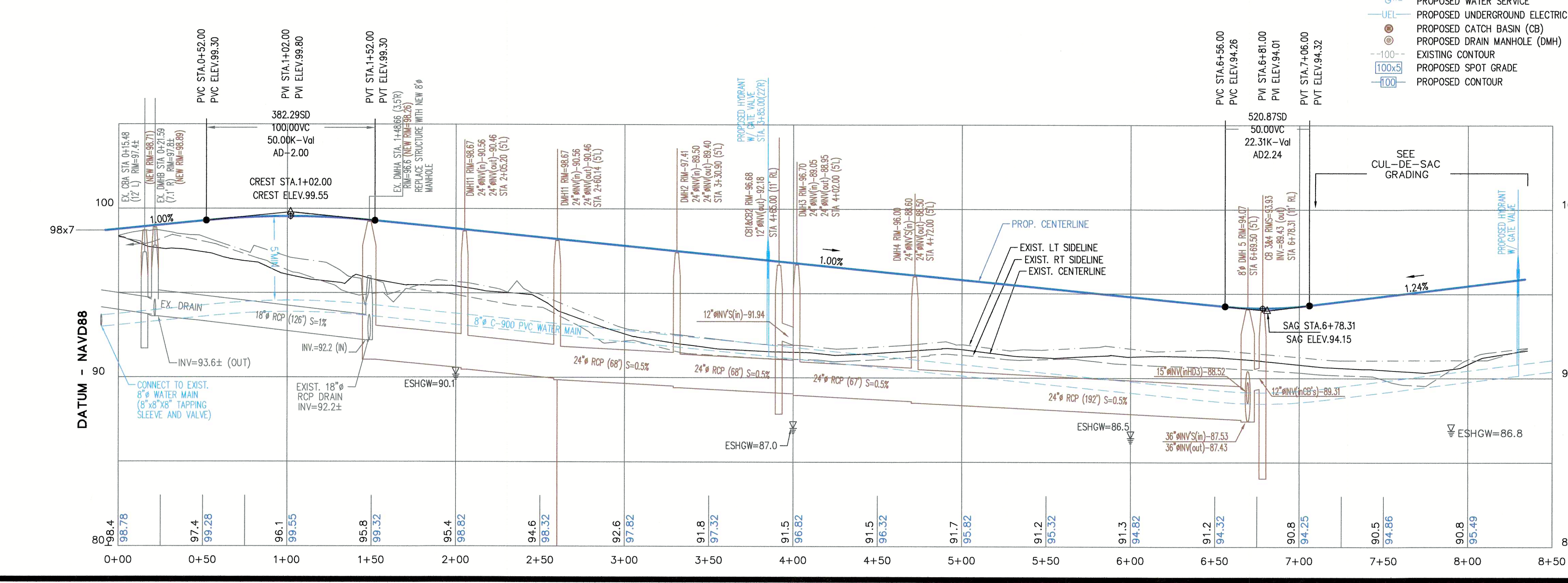
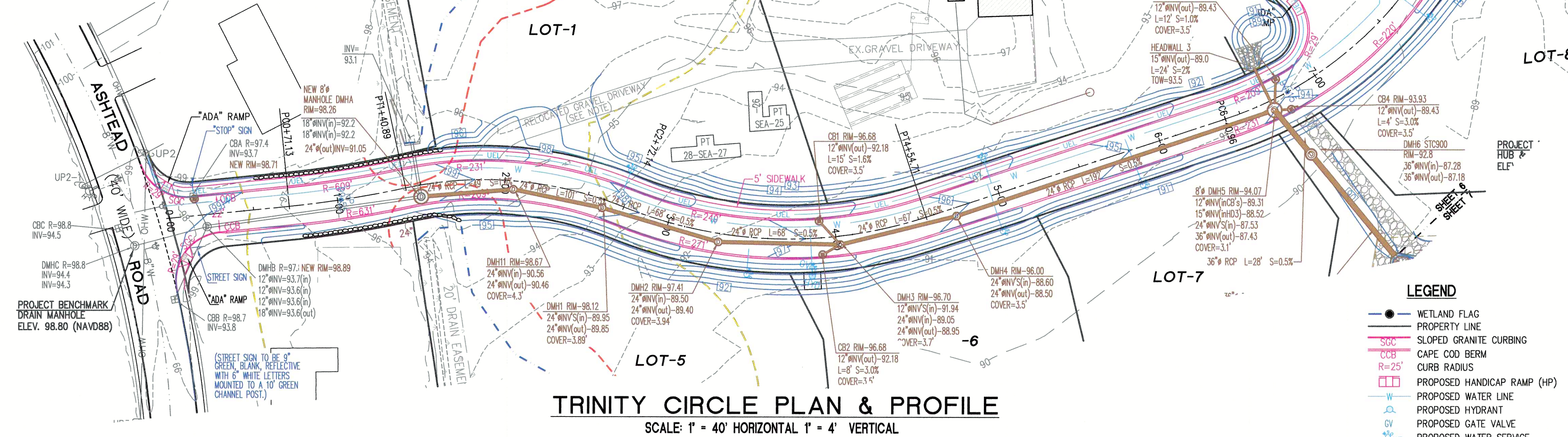
BRIDGEWATER TOWN CLERK

NOTES:

PLANS SUBJECT TO COVENANTS, CONDITIONS AND RESTRICTIONS SET FORTH IN A COVENANT, TO BE RECORDED HERewith.

ILLEGAL DISCHARGE COMPLIANCE STATEMENT:

STORMWATER SYSTEMS IDENTIFIED ON SITE ARE FOR CONVEYING STORMWATER SHALL NOT ALLOW THE ENTRY OF ANY WASTEWATER DISCHARGES INTO THE STORMWATER MANAGEMENT SYSTEM.



FOR REGISTRY USE ONLY

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE RULES & REGULATIONS OF THE REGISTRY OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS, AND THE DESIGNED CONTENT OF THE DEFINITIVE SUBDIVISION PLAN RELATIVE TO ENGINEERING CONFORMS WITH ALL APPLICABLE RULES AND REGULATIONS ESTABLISHED HEREIN WITH EXCEPTIONS SPECIFICALLY NOTED ON THE PLAN.

LAWRENCE P. SILVA, P.E. REG No. 33381-C

8/2/2017

DATE

PARCEL DATA:

ASSESSOR'S MAP 100, LOT 90
CURRENT OWNER: THOMAS W. & SUZANNE E. BERGERON
DEED REFERENCE: BOOK 42875, PAGE 186
TOTAL AREA: 3.45 Acres

ASSESSOR'S MAP 87, LOT 142
CURRENT OWNER: TRINITY COVENANT CHURCH OF BRIDGEWATER
DEED REFERENCE: BOOK 5202, PAGE 240
TOTAL AREA: 13.13 Acres

ZONING REFERENCE: RESIDENTIAL A/B
MIN. LOT SIZE: 43,560 S.F.
MIN. FRONTAGE: 150 FEET
MIN. FRONT YARD: 40 FEET
MIN. SIDE YARD: 20 FEET
MIN. REAR YARD: 30 FEET
MIN. WETLAND SETBACK: 50 FEET

THE FLOOD INSURANCE RATE MAP IDENTIFIES THE SUBJECT PROPERTY AS BEING IN ZONE X; MAP 25023C0303K; DATED JULY 16, 2015.

REVISIONS

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8/1/17	RAB	ADDRESS COMMENTS FROM 7/29/17
8/21/17	RAB	ADDRESS COMMENTS FROM 8/10/17

DEFINITIVE SUBDIVISION
TRINITY CIRCLE

'PLAN & PROFILE'

SITE:
ASSESSOR'S MAP 100, LOT 90
ASSESSOR'S MAP 87, LOT 142
off ASHTEAD ROAD
BRIDGEWATER, MASSACHUSETTS

PREPARED FOR:
TRINITY COVENANT CHURCH

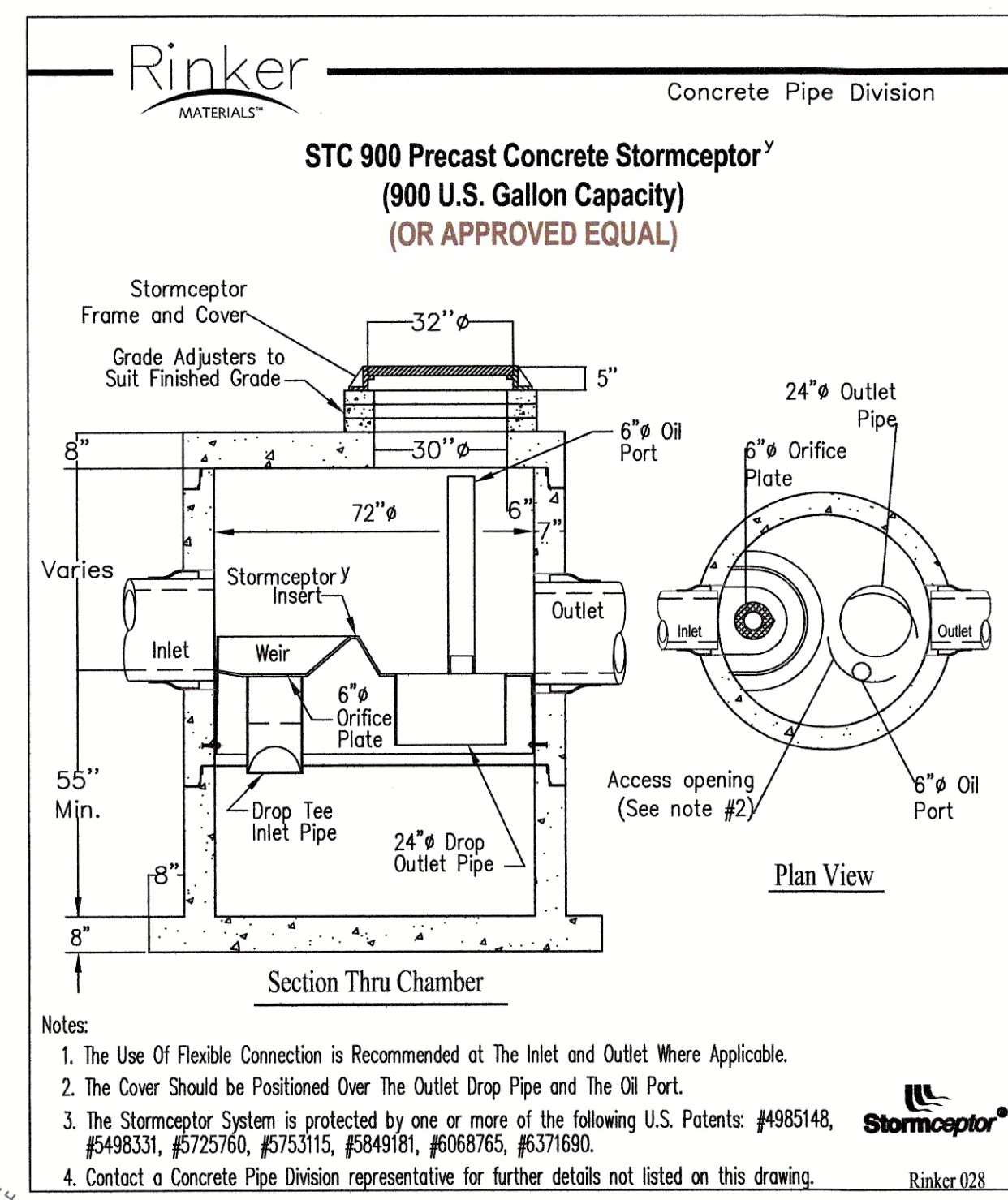
SILVA ENGINEERING ASSOCIATES, P.C.

CIVIL ENGINEERS, LAND SURVEYORS & ENVIRONMENTAL CONSULTANTS
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BRIDGEWATER, MA, 02324
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www.silvaeng.com

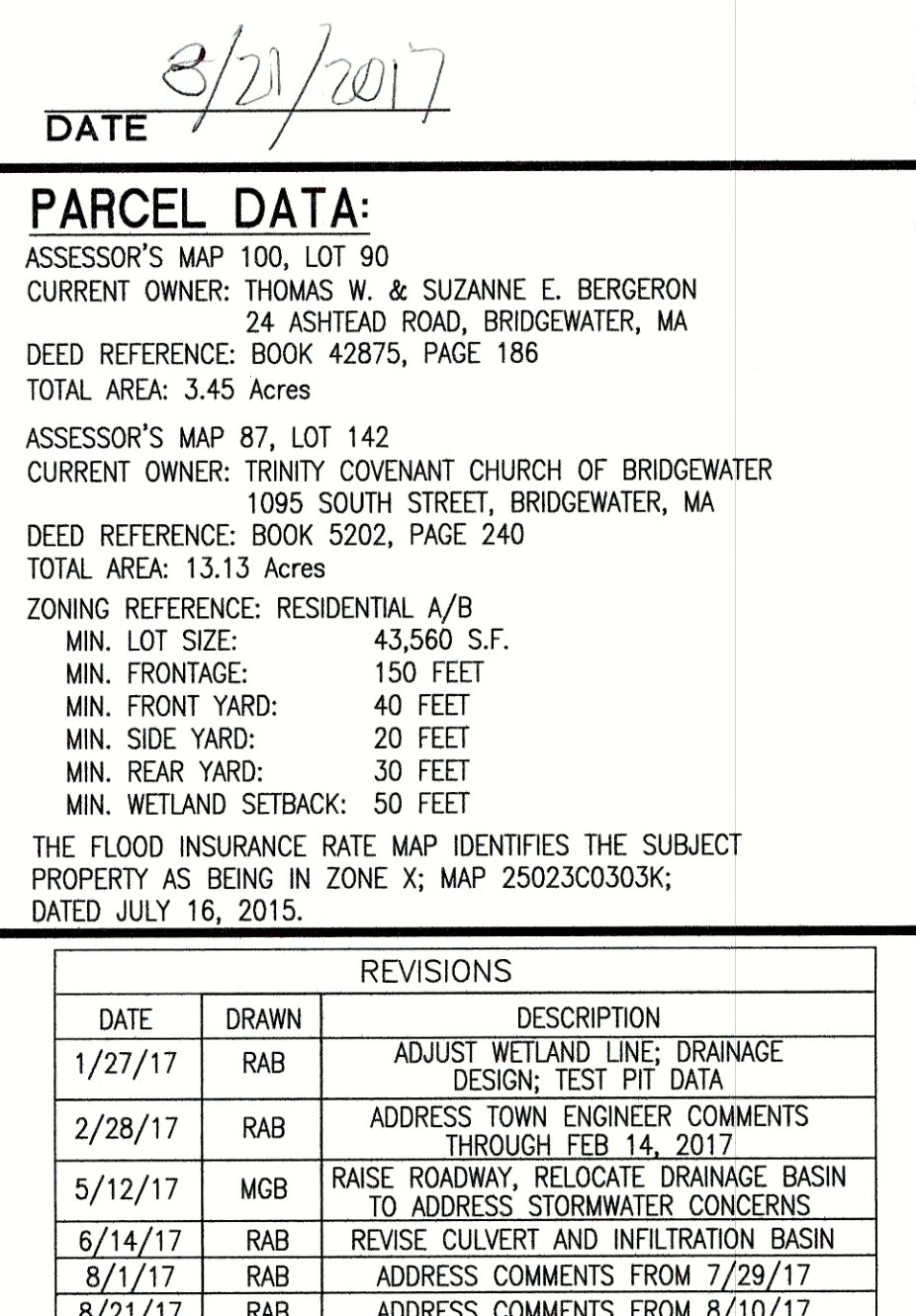
SCALE

SCALE	DRAWN	DATE	ACAD FILE	SHEET
1"= 40'	MGB	12/14/16	01099Defsub9	6 OF 12

NOTES:
PLANS SUBJECT TO COVENANTS, CONDITIONS AND RESTRICTIONS SET FORTH IN
A COVENANT, TO BE RECORDED HERewith.



LAWRENCE P. SILVA, P.E. REG No. 33381-C



DEFINITIVE SUBDIVISION
TRINITY CIRCLE

"DRAINAGE PLAN & PROFILE"

DRAINAGE PLAN & PROFILE

SITE:
ASSESSOR'S MAP 100, LOT 90
ASSESSOR'S MAP 87, LOT 142
off ASHTEAD ROAD
BRIDGEWATER, MASSACHUSETTS

PREPARED FOR:
TRINITY COVENANT CHURCH

STA SILVA
ENGINEERING
ASSOCIATES, P.C.

CIVIL ENGINEERS, LAND SURVEYORS
& ENVIRONMENTAL CONSULTANTS
1615 BEDFORD STREET
BRIDGEWATER, MA. 02324
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SCALE	DRAWN	DATE	ACAD FILE	SHEET
1" = 40'	MGB	12/14/16	01099Defsub9	7 OF 12

BRIDGEWATER BOARD OF HEALTH

DATE

BRIDGEWATER PLANNING BOARD

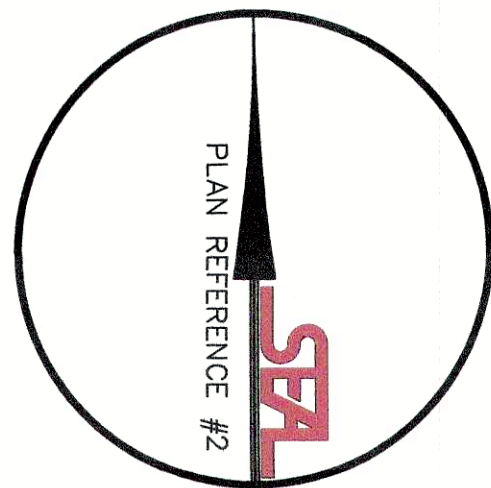
APPROVAL UNDER SECTION 81-U SUBDIVISION CONTROL LAW REQUIRED

DATE

I HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE BRIDGEWATER PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL HAS BEEN RECEIVED DURING THE TWENTY DAYS NEXT AFTER SUCH RECEIPT OF SAID NOTICE.

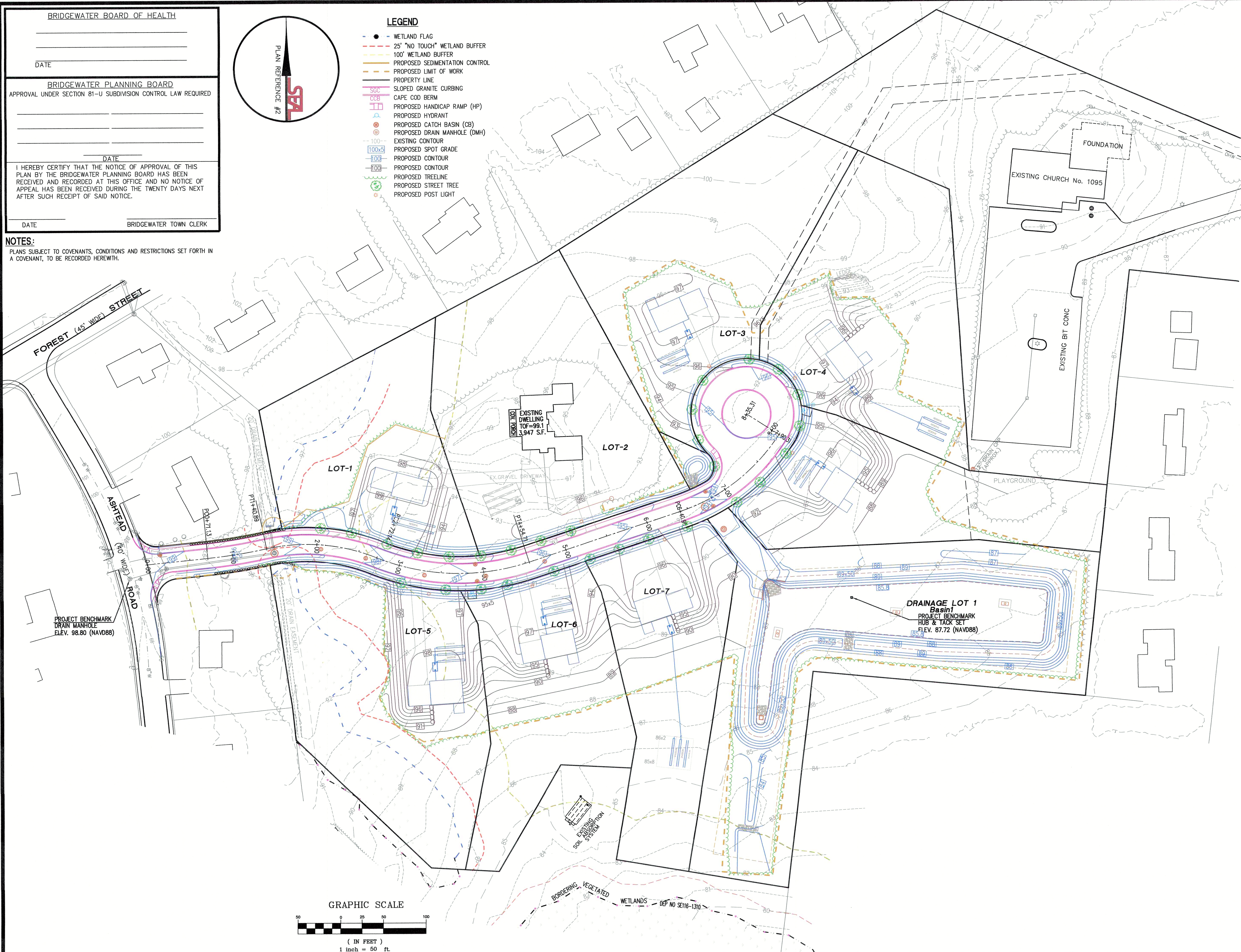
DATE

BRIDGEWATER TOWN CLERK



- LEGEND**
- WETLAND FLAG
 - 25' "NO TOUCH" WETLAND BUFFER
 - 100' WETLAND BUFFER
 - PROPOSED SEDIMENTATION CONTROL
 - PROPOSED LIMIT OF WORK
 - PROPERTY LINE
 - SLOPED GRANITE CURBING
 - CAPE COD BERM
 - PROPOSED HANDICAP RAMP (HP)
 - PROPOSED HYDRANT
 - PROPOSED CATCH BASIN (CB)
 - PROPOSED DRAIN MANHOLE (DMH)
 - EXISTING CONTOUR
 - PROPOSED SPOT GRADE
 - PROPOSED CONTOUR
 - PROPOSED CONTOUR
 - PROPOSED TREELINE
 - PROPOSED STREET TREE
 - PROPOSED POST LIGHT

NOTES:
PLANS SUBJECT TO COVENANTS, CONDITIONS AND RESTRICTIONS SET FORTH IN A COVENANT, TO BE RECORDED HEREWITH.



FOR REGISTRY USE ONLY

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE RULES & REGULATIONS OF THE REGISTRY OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS, AND THE DESIGNED CONTENT OF THE DEFINITIVE SUBDIVISION PLAN RELATIVE TO ENGINEERING CONFORMS WITH ALL APPLICABLE RULES AND REGULATIONS ESTABLISHED HEREIN WITH EXCEPTIONS SPECIFICALLY NOTED ON THE PLAN.

LAWRENCE P. SILVA, P.E. REG No. 33381-C

DATE 8/21/2017

PARCEL DATA:
ASSESSOR'S MAP 100, LOT 90
CURRENT OWNER: THOMAS W. & SUZANNE E. BERGERON
24 ASHTEAD ROAD, BRIDGEWATER, MA
DEED REFERENCE: BOOK 42875, PAGE 186
TOTAL AREA: 3.45 Acres
ASSESSOR'S MAP 87, LOT 142
CURRENT OWNER: TRINITY COVENANT CHURCH OF BRIDGEWATER
1095 SOUTH STREET, BRIDGEWATER, MA
DEED REFERENCE: BOOK 5202, PAGE 240
TOTAL AREA: 13.13 Acres
ZONING REFERENCE: RESIDENTIAL A/B
MIN. LOT SIZE: 43,560 S.F.
MIN. FRONTAGE: 150 FEET
MIN. FRONT YARD: 40 FEET
MIN. SIDE YARD: 20 FEET
MIN. REAR YARD: 30 FEET
MIN. WETLAND SETBACK: 50 FEET
THE FLOOD INSURANCE RATE MAP IDENTIFIES THE SUBJECT PROPERTY AS BEING IN ZONE X; MAP 25023C0303K; DATED JULY 16, 2015.

REVISIONS		
DATE	DRAWN	DESCRIPTION
1/27/17	RAB	ADJUST WETLAND LINE; DRAINAGE DESIGN; TEST PIT DATA
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8/21/17	RAB	ADDRESS COMMENTS FROM 8/10/17

DEFINITIVE SUBDIVISION
TRINITY CIRCLE

'TOPOGRAPHIC & GRADING'

SITE:
ASSESSOR'S MAP 100, LOT 90
ASSESSOR'S MAP 87, LOT 142
off ASHTEAD ROAD
BRIDGEWATER, MASSACHUSETTS

PREPARED FOR:
TRINITY COVENANT CHURCH

SEA SILVA
ENGINEERING
ASSOCIATES, P.C.
CIVIL ENGINEERS, LAND SURVEYORS
& ENVIRONMENTAL CONSULTANTS
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SCALE	DRAWN	DATE	ACAD FILE	SHEET
1" = 50'	MGB	12/14/16	01099Defsub9	8 OF 12

BRIDGEWATER BOARD OF HEALTH

DATE

BRIDGEWATER PLANNING BOARD

APPROVAL UNDER SECTION 81-U SUBDIVISION CONTROL LAW REQUIRED

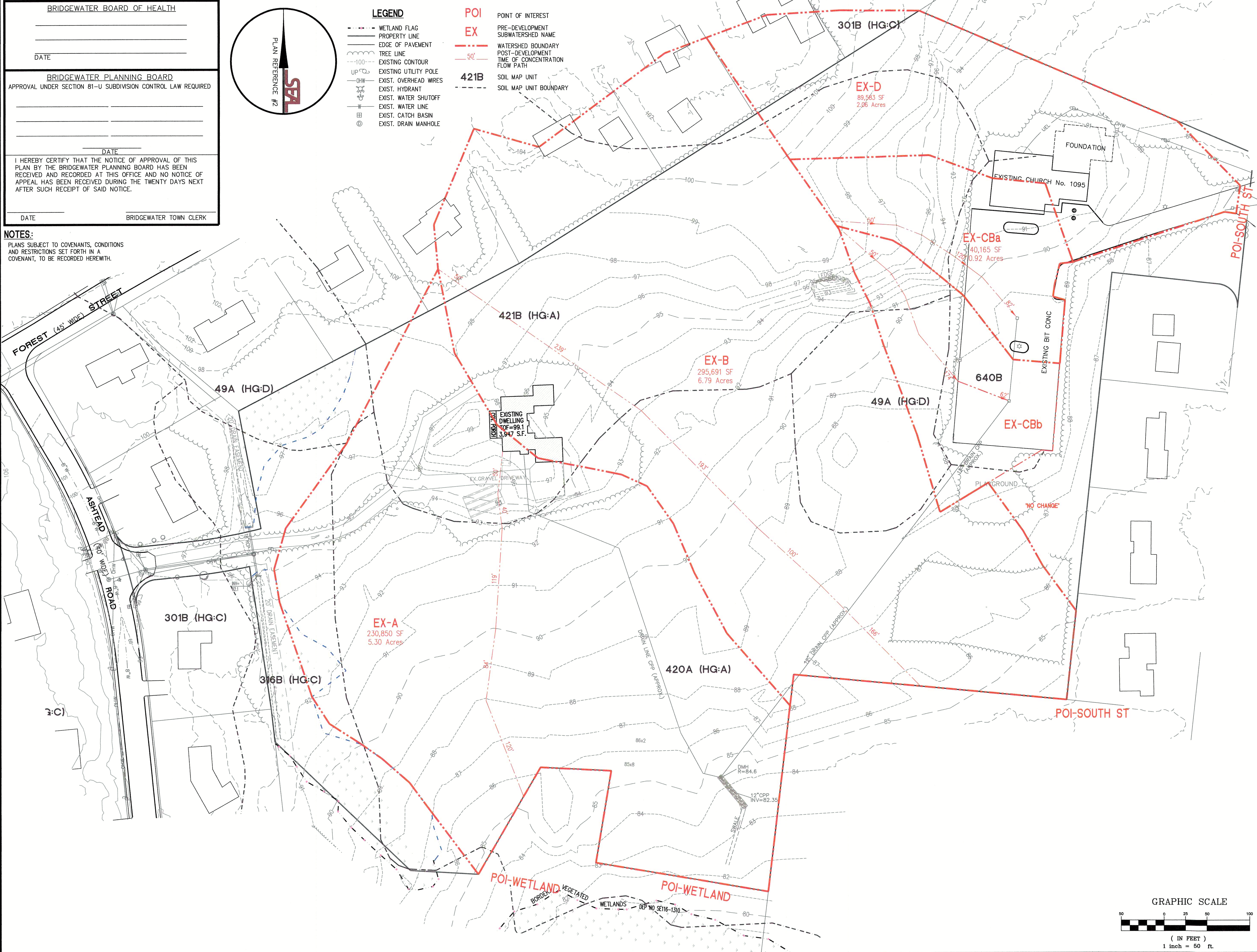
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DATE

BRIDGEWATER TOWN CLERK

NOTES:
PLANS SUBJECT TO COVENANTS, CONDITIONS
AND RESTRICTIONS SET FORTH IN A
COVENANT, TO BE RECORDED HEREWITH.



FOR REGISTRY USE ONLY

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LAWRENCE P. SILVA, P.E. REG No. 33381-C

8/21/2017

DATE

PARCEL DATA:

ASSESSOR'S MAP 100, LOT 90
CURRENT OWNER: THOMAS W. & SUZANNE E. BERGERON
24 ASHTAD ROAD, BRIDGEWATER, MA
DEED REFERENCE: BOOK 4287S, PAGE 186
TOTAL AREA: 3.45 Acres
ASSESSOR'S MAP 87, LOT 142
CURRENT OWNER: TRINITY COVENANT CHURCH OF BRIDGEWATER
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DEFINITIVE SUBDIVISION
TRINITY CIRCLE

'PRE-DEVELOPMENT'

SITE:
ASSESSOR'S MAP 100, LOT 90
ASSESSOR'S MAP 87, LOT 142
off ASHTAD ROAD
BRIDGEWATER, MASSACHUSETTS

PREPARED FOR:
TRINITY COVENANT CHURCH

SILVA
ENGINEERING
ASSOCIATES, P.C.

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SCALE	DRAWN	DATE	ACAD FILE	SHEET
1" = 50'	MGB	12/14/16	010990Defsub9	10 OF 12

BRIDGEWATER BOARD OF HEALTH

DATE

BRIDGEWATER PLANNING BOARD

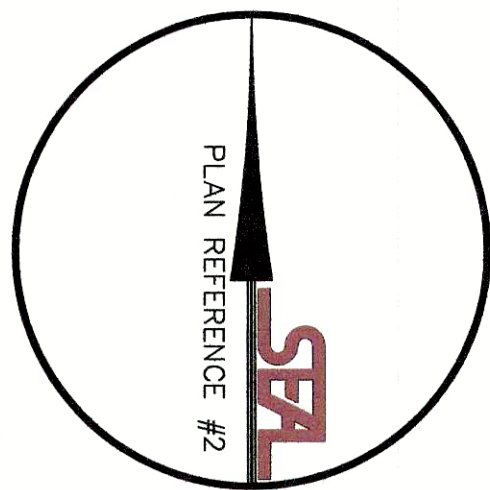
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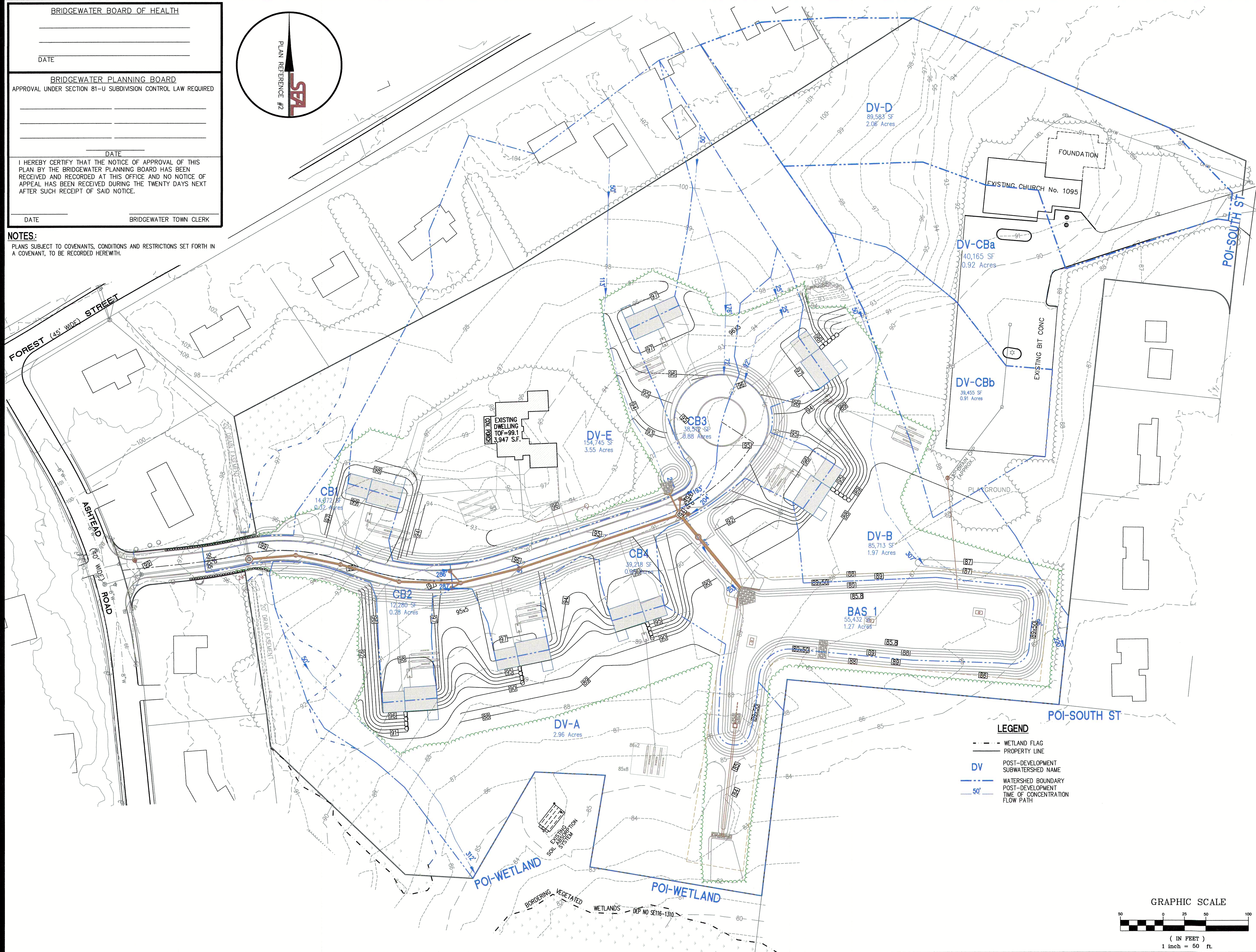
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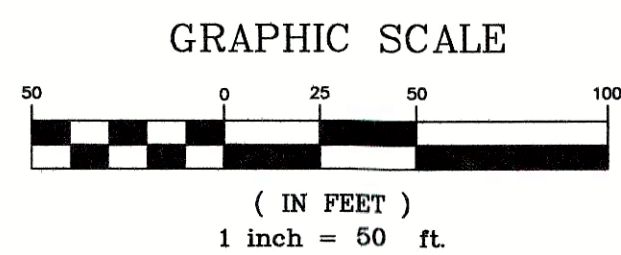
BRIDGEWATER TOWN CLERK



NOTES:
PLANS SUBJECT TO COVENANTS, CONDITIONS AND RESTRICTIONS SET FORTH IN A COVENANT, TO BE RECORDED HERewith.



- LEGEND**
- WETLAND FLAG
 - PROPERTY LINE
 - POST-DEVELOPMENT SUBWATERSHED NAME
 - WATERSHED BOUNDARY
 - POST-DEVELOPMENT TIME OF CONCENTRATION FLOW PATH



FOR REGISTRY USE ONLY

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE RULES & REGULATIONS OF THE REGISTRY OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS, AND THE DESIGNED CONTENT OF THE DEFINITIVE SUBDIVISION PLAN RELATIVE TO ENGINEERING CONFORMS WITH ALL APPLICABLE RULES AND REGULATIONS ESTABLISHED HEREIN WITH EXCEPTIONS SPECIFICALLY NOTED ON THE PLAN.

LAWRENCE P. SILVA, P.E. REG No. 33381-C

8/21/17

DATE

PARCEL DATA:

ASSESSOR'S MAP 100, LOT 90
CURRENT OWNER: THOMAS W. & SUZANNE E. BERGERON
24 ASHTEAD ROAD, BRIDGEWATER, MA
DEED REFERENCE: BOOK 42875, PAGE 186
TOTAL AREA: 3.45 Acres
ASSESSOR'S MAP 87, LOT 142
CURRENT OWNER: TRINITY COVENANT CHURCH OF BRIDGEWATER
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DEFINITIVE SUBDIVISION
TRINITY CIRCLE

'POST-DEVELOPMENT'

SITE:

ASSESSOR'S MAP 100, LOT 90
ASSESSOR'S MAP 87, LOT 142
off ASHTEAD ROAD
BRIDGEWATER, MASSACHUSETTS

PREPARED FOR:

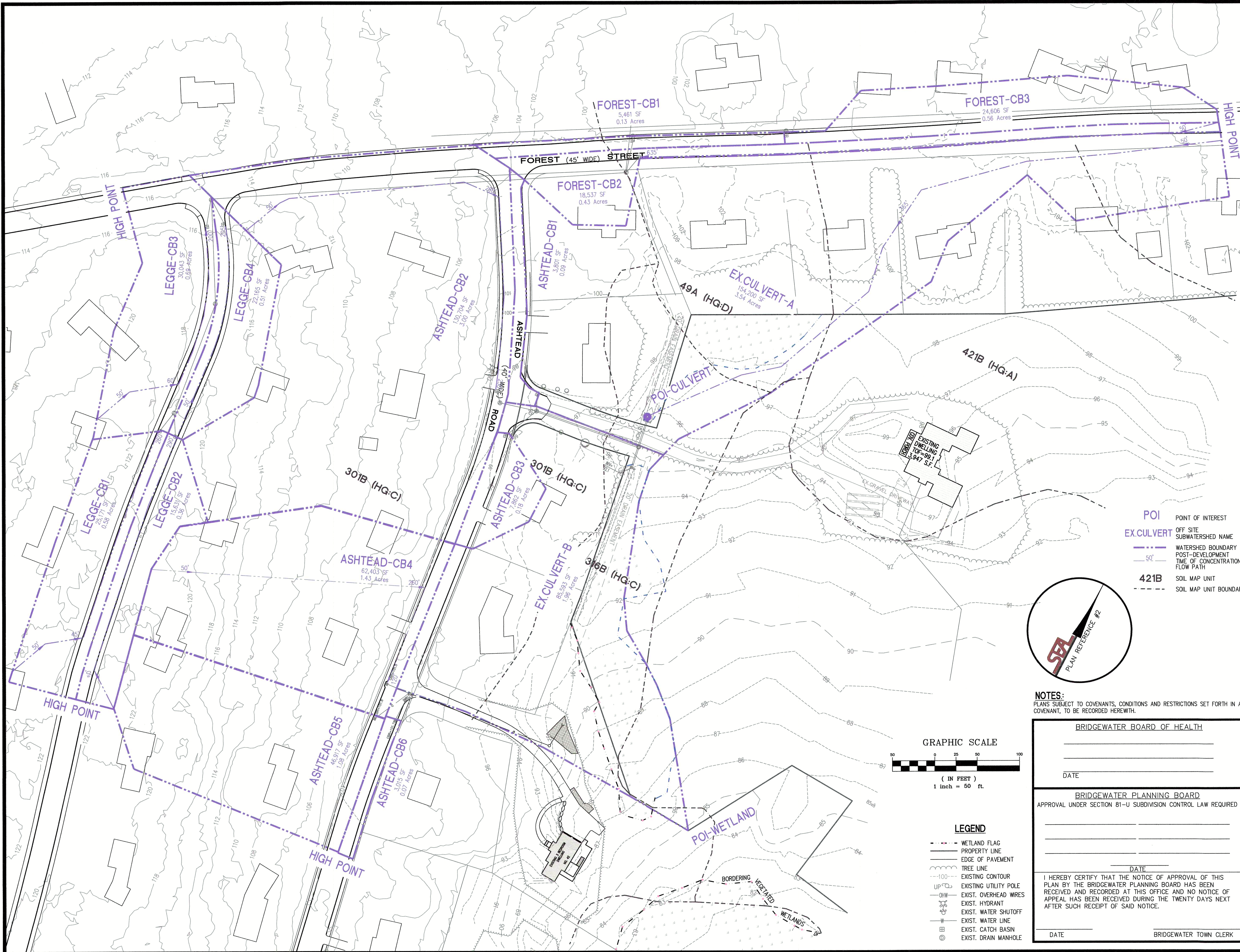
TRINITY COVENANT CHURCH

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SCALE	DRAWN	DATE	ACAD FILE	SHEET
1"= 50'	MGB	12/14/16	01099Defsub9	11 OF 12

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FOR REGISTRY USE ONLY

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LAWRENCE P. SILVA
33381-C

LAWRENCE P. SILVA, P.E. REG No. 33381-C

8/21/2017

DATE

PARCEL DATA:

ASSESSOR'S MAP 100, LOT 90
CURRENT OWNER: THOMAS W. & SUZANNE E. BERGERON
24 ASHTEAD ROAD, BRIDGEWATER, MA
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TOTAL AREA: 3.45 Acres
ASSESSOR'S MAP 87, LOT 142
CURRENT OWNER: TRINITY COVENANT CHURCH OF BRIDGEWATER
1095 SOUTH STREET, BRIDGEWATER, MA
DEED REFERENCE: BOOK 5202, PAGE 240
TOTAL AREA: 13.13 Acres
ZONING REFERENCE: RESIDENTIAL A/B
MIN. LOT SIZE: 43,560 S.F.
MIN. FRONTAGE: 150 FEET
MIN. FRONT YARD: 40 FEET
MIN. SIDE YARD: 20 FEET
MIN. REAR YARD: 30 FEET
MIN. WETLAND SETBACK: 50 FEET
THE FLOOD INSURANCE RATE MAP IDENTIFIES THE SUBJECT PROPERTY AS BEING IN ZONE X; MAP 25023C0303K; DATED JULY 16, 2015.

REVISIONS		
DATE	DRAWN	DESCRIPTION
1/27/17	RAB	ADJUST WETLAND LINE: DRAINAGE DESIGN; TEST PIT DATA
2/28/17	RAB	ADDRESS TOWN ENGINEER COMMENTS THROUGH FEB. 14, 2017
5/12/17	MGB	RAISE ROADWAY, RELOCATE DRAINAGE BASIN TO ADDRESS STORMWATER CONCERNS
6/14/17	RAB	REVISE CULVERT AND INFILTRATION BASIN
8/1/17	RAB	ADDRESS COMMENTS FROM 7/29/17
8/21/17	RAB	ADDRESS COMMENTS FROM 8/10/17

DEFINITIVE SUBDIVISION

TRINITY CIRCLE

'ASHTEAD ROAD TRIBUTARY'

SITE:

ASSESSOR'S MAP 100, LOT 90
ASSESSOR'S MAP 87, LOT 142
off ASHTEAD ROAD
BRIDGEWATER, MASSACHUSETTS

PREPARED FOR:

TRINITY COVENANT CHURCH

SEA

SILVA
ENGINEERING
ASSOCIATES, P.C.

CIVIL ENGINEERS, LAND SURVEYORS
& ENVIRONMENTAL CONSULTANTS
1615 BEDFORD STREET
BRIDGEWATER, MA. 02324
PHONE (508) 697-3100 FAX (508) 697-3136
www.silvaeng.com

SCALE	DRAWN	DATE	ACAD FILE	SHEET
1"= 50'	MGB	12/14/16	01099Dfsub9	12 OF 12

NOTES:

PLANS SUBJECT TO COVENANTS, CONDITIONS AND RESTRICTIONS SET FORTH IN A COVENANT, TO BE RECORDED HERewith.

BRIDGEWATER BOARD OF HEALTH

DATE

BRIDGEWATER PLANNING BOARD

APPROVAL UNDER SECTION 81-U SUBDIVISION CONTROL LAW REQUIRED

DATE

I HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE BRIDGEWATER PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL HAS BEEN RECEIVED DURING THE TWENTY DAYS NEXT AFTER SUCH RECEIPT OF SAID NOTICE.

DATE
BRIDGEWATER TOWN CLERK