

Stage Harbor & Bridge Street Sidewalk



Public Informational Meeting
August 12, 2014

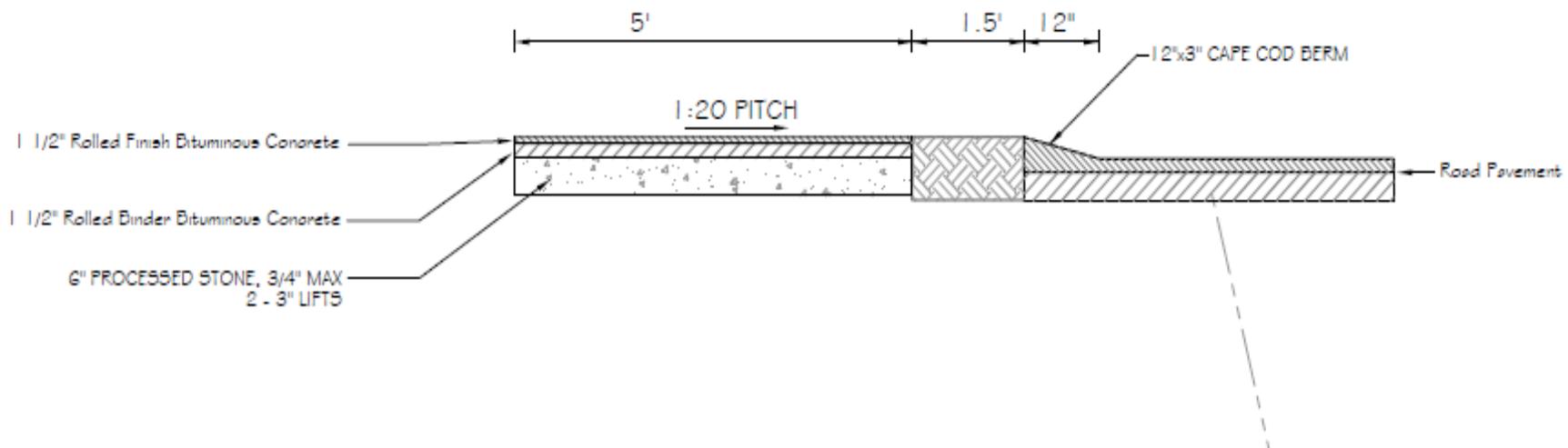
Background



- Introductions
- 2007 ATM Article 12
- November 2012 Informational Meeting
- Traffic Safety and Committee for Disabled endorsement
- August 2013 Board of Selectman review
- Refined plans
- Public comment

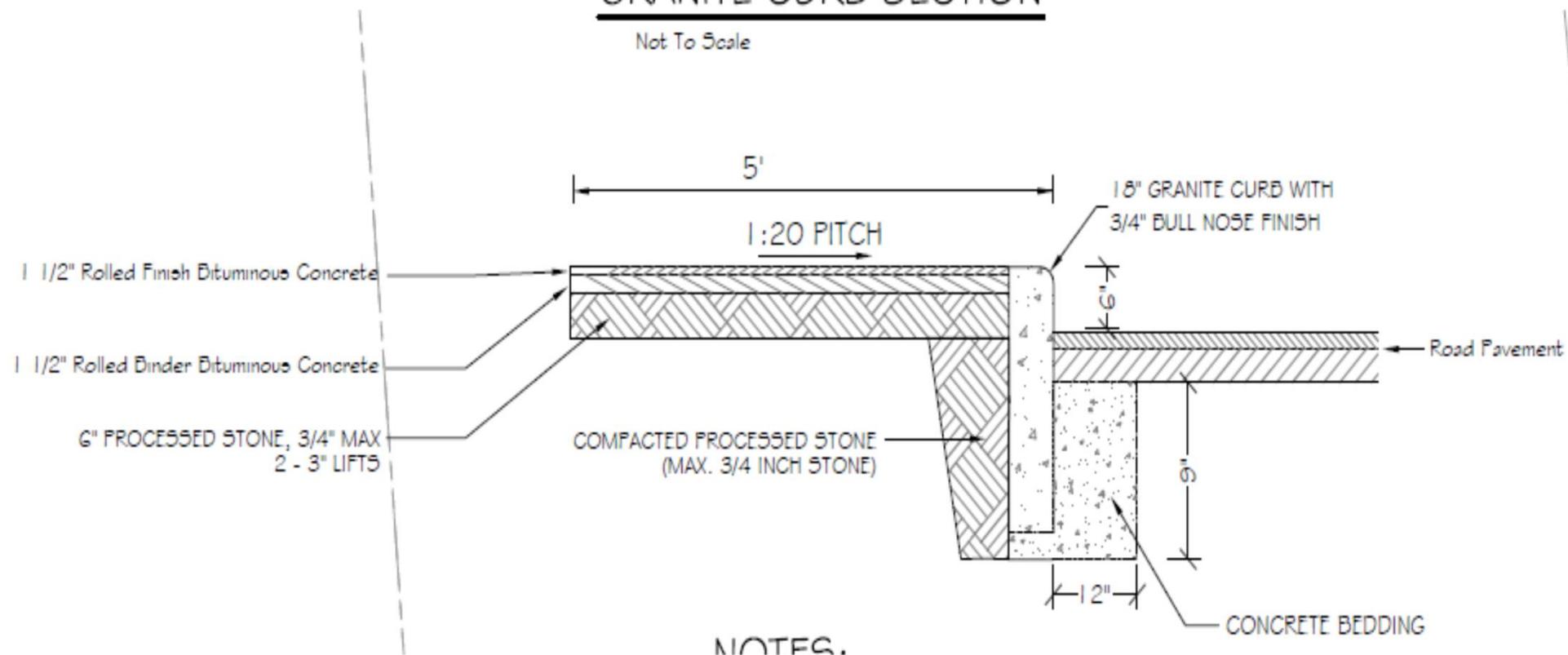
GRASS CURB SECTION

Not To Scale

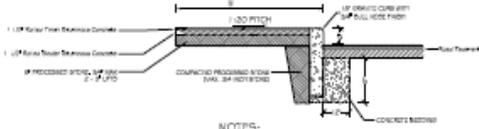


GRANITE CURB SECTION

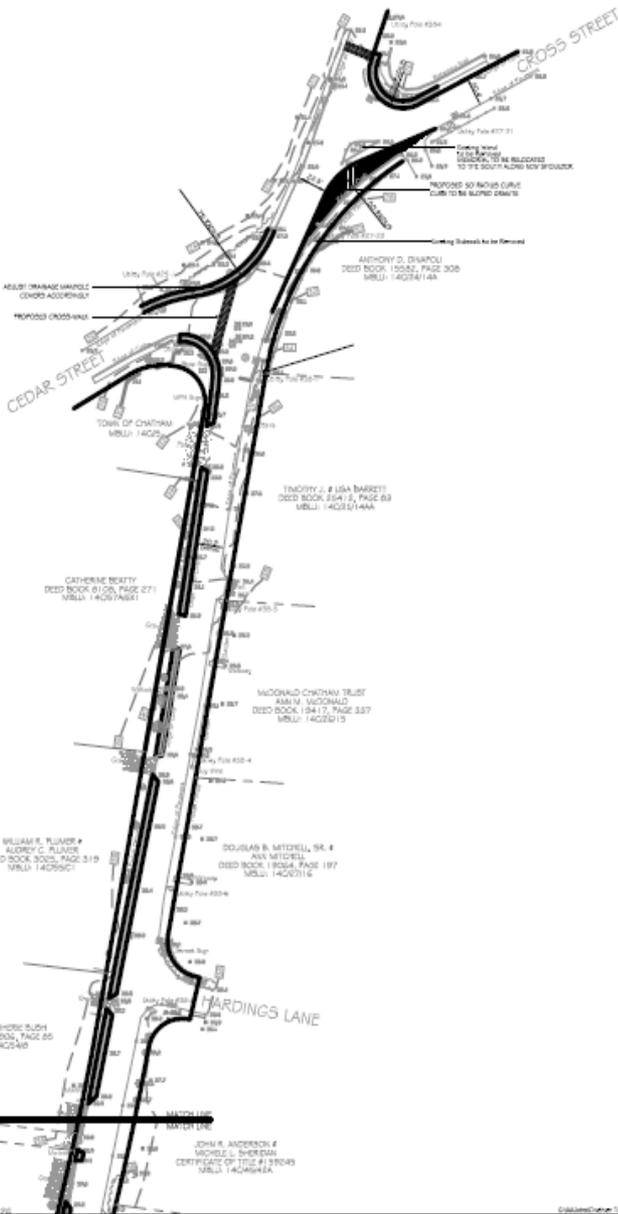
Not To Scale



GRANITE CURB SECTION



NOTES:
 1. LOCATIONS WHERE CURB HEIGHT IS SHOWN ARE PRELIMINARY
 2. VARIATIONS MAY OCCUR DURING CONSTRUCTION
 3. EXISTING CURB HEIGHT - NEW CURB HEIGHT



LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING SPOT GRADE
- PROPOSED SPOT GRADE
- WATER SERVICE LINE
- OVERHEAD UTILITY SERVICE
- UNDERGROUND UTILITY SERVICE
- GAS SERVICE LINE
- TEST HOLE / BORING LOCATION
- SEWER MANHOLE
- WATER GATE
- GAB GATE
- LIGHT POST
- UTILITY POLE
- CATCH BASIN
- FIRE HYDRANT
- WATER METER PIT
- DRAINAGE MANHOLE
- CONCRETE SQUARE FOUND
- TOP OF BANK
- LIMIT OF WORK
- FENCE
- EDGE OF CLEARING
- OAK TREE
- SPRUCE TREE
- MAPLE TREE
- BIRCH TREE
- CEDAR TREE

NOTE: LOT LINES OVERLAP PRIVATE PARCELS ARE APPROXIMATIONS COMPILED FROM ASSASSORS MAPS AND PLANS AND SHOULD IN NO WAY BE USED FOR SURVEYING PURPOSES.

PLAN
SCALE 1"=40'



SHEET 1 OF 4

Town of Chatham Highway Department
 227 Cromwell Road, Chatham, MA 02633

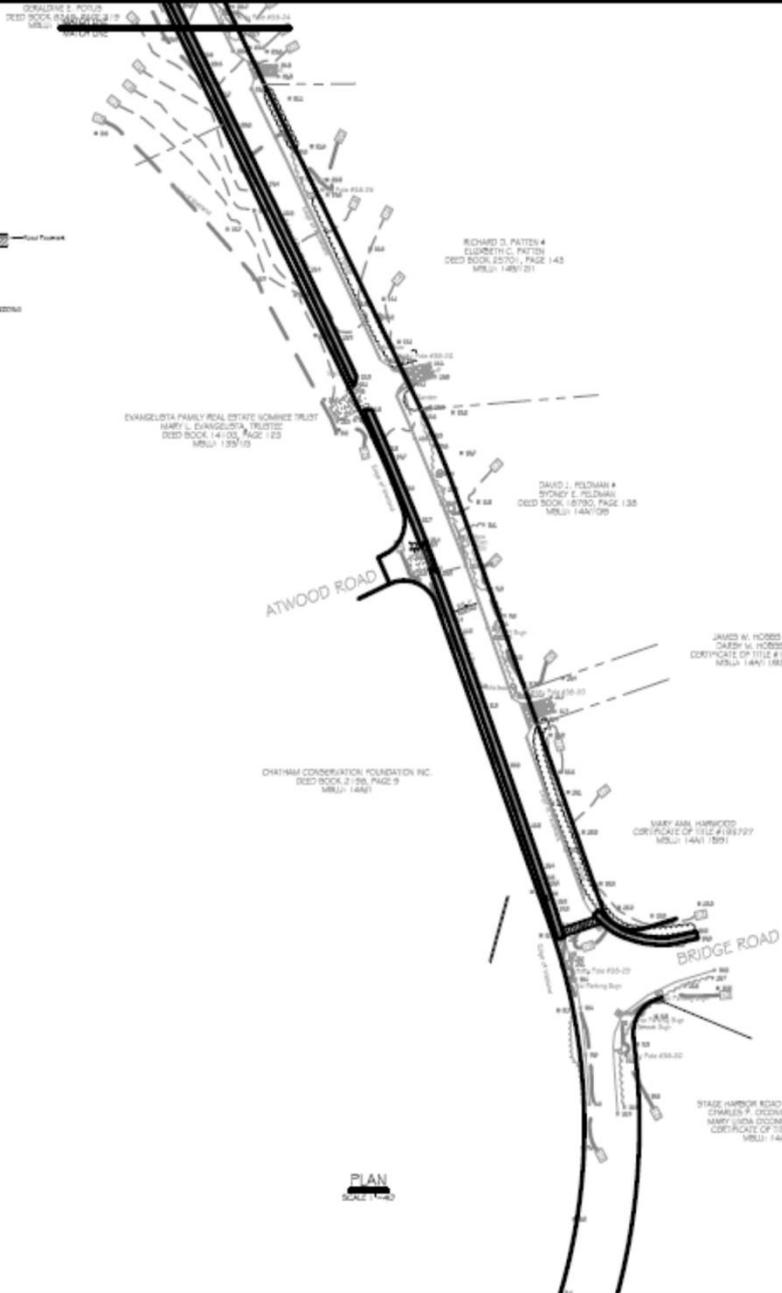
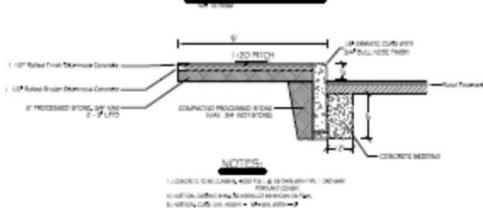
PRELIMINARY SITE PLAN
 Stage Harbor Road, Chatham, MA

J.M. O'Reilly & Associates, Inc.
 Professional Engineering & Land Surveying Services

1875 State Street - Suite 14
 Chatham, MA 02633

DATE: 04-27-14
 DRAWN: JMD
 CHECKED: JMD
 IN CHARGE: JMD

GRANITE CURB SECTION



PLAN
SCALE 1"=40'



LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING SPOT GRADE
- PROPOSED SPOT GRADE
- WATER SERVICE LINE
- OVERHEAD UTILITY SERVICE
- UNDERGROUND UTILITY SERVICE
- GAS SERVICE LINE
- TEST HOLE / BORING LOCATION
- SEWER MANHOLE
- WATER GATE
- GAS GATE
- LIGHT POLE
- UTILITY POLE
- CATCH BASIN
- FIRE HYDRANT
- WATER METER PIT
- DRAINAGE MANHOLE
- CONCRETE BOUND POND
- TOP OF BANK
- LIMIT OF WORK
- FENCE
- EDGE OF CLEARING
- OAK TREE
- SPRUCE TREE
- MAPLE TREE
- BIRCH TREE
- CEDAR TREE

NOTE: LOT LINES DIVIDING PRIVATE PARCELS ARE APPROXIMATIONS COMPILED FROM ASSessorS MAPS AND PLANS AND SHOULD IN NO WAY BE USED FOR SURVEYING PURPOSES.



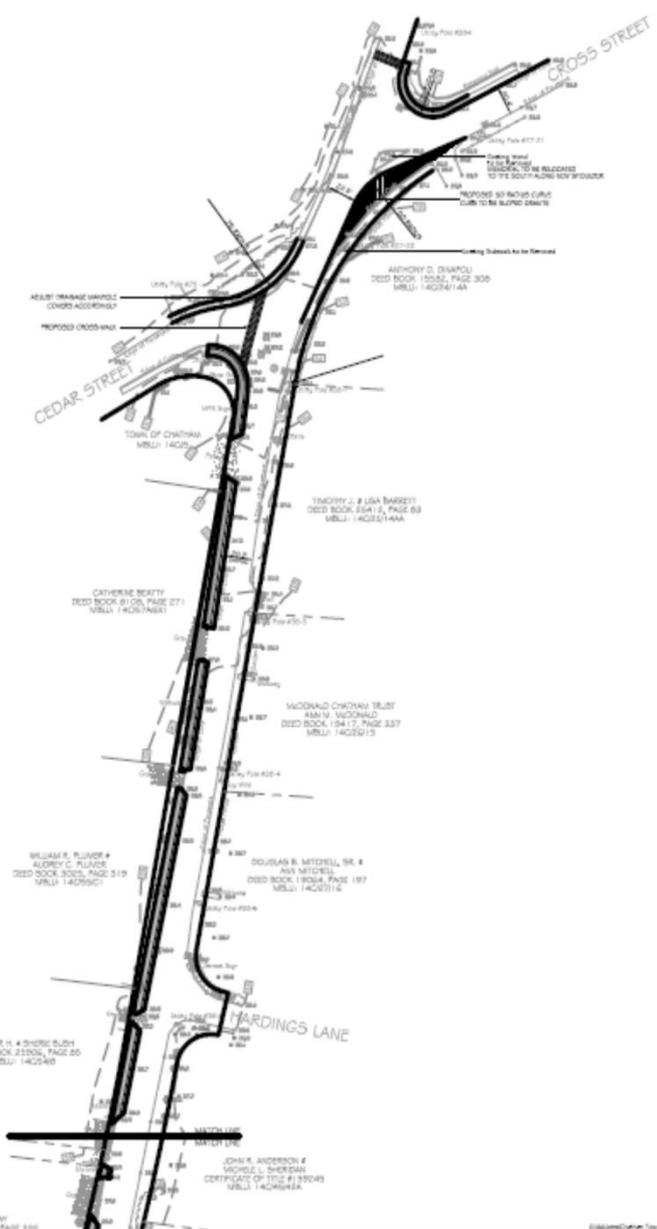
Town of Chatham Highway Department
 221 Crowl Road, Chatham, MA 02633

BASE PLAN
 Stage Harbor Road, Chatham, MA

J.M. O'Reilly & Associates, Inc.
 Professional Engineering & Land Surveying Services

1275 State Street - Suite 64
 Fall River, MA 01937
 508-673-2700 FAX 508-673-2701

DATE: 06-27-14
 BY: [Signature]
 CHECKED: [Signature]
 TITLE: [Signature]



LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING SPOT GRADE
- PROPOSED SPOT GRADE
- WATER SERVICE LINE
- OVERHEAD UTILITY SERVICE
- UNDERGROUND UTILITY SERVICE
- GAS SERVICE LINE
- TEST HOLE / BORING LOCATION
- SEWER MANHOLE
- WATER GATE
- GAS GATE
- LIGHT POLE
- UTILITY POLE
- CATCH BASIN
- FIRE HYDRANT
- WATER METER PIT
- DRAINAGE MANHOLE
- CONCRETE BOUNDARY FOUND
- TOP OF BANK
- LIMIT OF ACRE
- FENCE
- EDGE OF CLEARING
- CHAL. TREE
- SPRUCE TREE
- MAPLE TREE
- BIRCH TREE
- CEDAR TREE

NOTE: LOT LINES DIVIDING PRIVATE PARCELS ARE APPROXIMATIONS COMPILED FROM ASSASSORS MAPS AND PLANS AND SHOULD IN NO WAY BE USED FOR SURVEYING PURPOSES.

PLAN
SCALE 1"=40'

0 40 80 120
SCALE 1"=40'
SHEET 1 OF 4

CAPE COD BERM-GRASS STRIP OPTION

Town of Chatham Highway Department
22 Canal Road, Chatham, MA 02633

PRELIMINARY SITE PLAN
Skagit Harbor Road, Chatham, MA

J.M. O'REILLY & ASSOCIATES, INC.
Professional Engineering & Land Surveying Services

1075 State Street - Suite 44
P.O. Box 2796
Northampton, MA 01060 (413) 586-1000 Fax

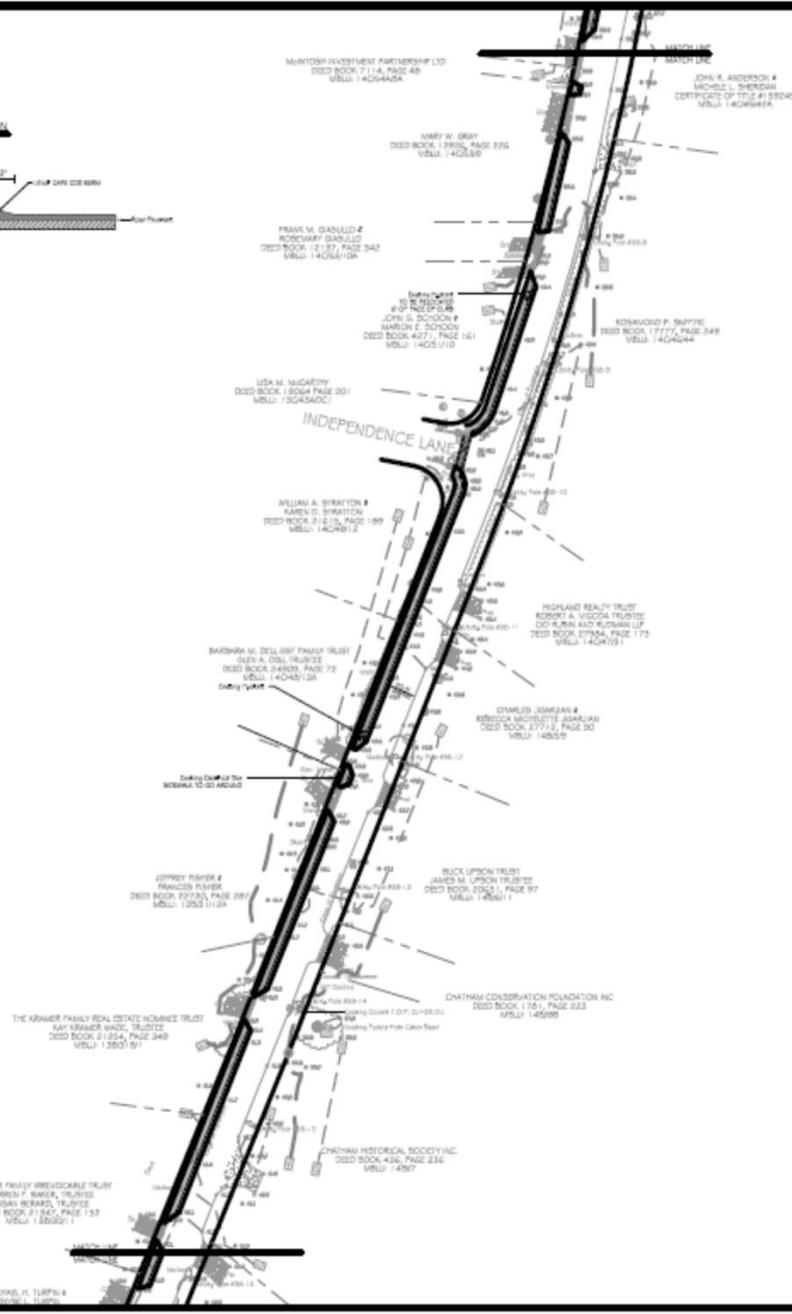
DATE	DESCRIPTION	BY	CHKD	DATE
02-27-14	As Issued	JMO	JMO	02-27-14



LEGEND

	EXISTING CONTOUR
	PROPOSED CONTOUR
	EXISTING SPOT GRADE
	PROPOSED SPOT GRADE
	WATER SERVICE LINE
	OVERHEAD UTILITY SERVICE
	UNDERGROUND UTILITY SERVICE
	GAS SERVICE LINE
	TEST HOLE/BORING LOCATION
	SEWER MANHOLE
	WATER GATE
	GAS GATE
	LIGHT POST
	UTILITY POLE
	CATCH BASIN
	FIRE HYDRANT
	WATER METER PIT
	DRAINAGE MANHOLE
	CONCRETE SQUARE FOUND
	TOP OF BANK
	LIMIT OF WORK
	FENCE
	EDGE OF CLEARING
	OAK TREE
	SPRUCE TREE
	MAPLE TREE
	BIRCH TREE
	CEDAR TREE

NOTE: LOT LINES DIVIDING PRIVATE PARCELS ARE APPROXIMATIONS COMPILED FROM ADJACENT MAPS AND PLANS AND SHOULD IN NO WAY BE USED FOR SURVEYING PURPOSES.



PLAN
SCALE 1"=40'

MICHAEL H. CARROLL &
MARRY E. CARROLL
DEED BOOK 2326A, PAGE 120
MSL# 1391/081

MICHAEL H. CARROLL &
MARRY E. CARROLL
DEED BOOK 2326A, PAGE 120
MSL# 1391/081

CAPE COD BERM-GRASS STRIP OPTION



Town of Chatham Highway Department
221 Cornwell Road, Chatham, MA 02623

PRELIMINARY SITE PLAN
Skate Harbor Road, Chatham, MA

J.M. O'Reilly & Associates, Inc.
Professional Engineering & Land Surveying Services

1075 State Street - Suite 6A
Chatham, MA 02623
Tel: 508-238-1100 Fax: 508-238-1105

DATE: 6/27/14	SCALE: As Shown	PROJECT: CHATHAM	DRAWN: JMD	CHECKED: JMD
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MICHAEL H. CARROLL &
KIM F. CARROLL
DEED BOOK 23354, PAGE 130
VOLUME 13515/1

KATHRYN C. CONOVER ET AL
DEED BOOK 23377, PAGE 314
VOLUME 13515/3

MICHAEL H. TURPIN &
ROSEMARY L. TURPIN
DEED BOOK 23277, PAGE 333
VOLUME 13509/10

WALTERSON B'WAY
CORPORATE OF TITLE # 134544
VOLUME 14505

MARTIN P. NAE &
ELIZABETH MUCKERMOTT
DEED BOOK 0851, PAGE 250
VOLUME 13635/9

INCH ROAD

ANNE B. TAMPSON
CORPORATE OF TITLE # 164789
VOLUME 13627/62

ROBERT J. POTTER &
ELIZABETH POTTER
DEED BOOK 18498, PAGE 198
VOLUME 14915/4

THOMAS B. BULLING & CHARLINA LOEBL
DEED BOOK 09323, PAGE 90
VOLUME 13502/7

THE WEDMAN LIVING TRUST
DAN WEDMAN, TRUSTEE
CONSTANCE WEDMAN WEDMAN, TRUSTEE
DEED BOOK 68-4, PAGE 174
VOLUME 13625/23A

JON L. SULLIVAN TRUST
JOHN L. SULLIVAN, TRUSTEE
DEED BOOK 02239, PAGE 35
VOLUME 13567/5

KENDALL REALTY TRUST
ERNEST STEVEN KENDALL, TRUSTEE
DEED BOOK 12749, PAGE 271
VOLUME 13504/5

WESTON HOLDINGS, LLC
DEED BOOK 08857, PAGE 134
VOLUME 13636/23

HONEYSUCKLE LANE

ROLAND S. DAVIS &
JACQUELINE F. DAVIS
DEED BOOK 22878, PAGE 28
VOLUME 13582/1

CEDAR SWAMP LANE

MARCELLO A. MARTELLO &
JANE M. MARTELLO
DEED BOOK 08853, PAGE 311
VOLUME 13633/2

KEE J. & RUBY FRARY
CORPORATE OF TITLE #002699
VOLUME 14815/20

CEDAR SWAMP LANE

THE BRIDGE STAGE HARBOR REALTY TRUST
DOUGLAS S. BRIDGE, TRUSTEE
WENDY C. BRIDGE, ALTRUSTEE
CORPORATE OF TITLE # 134543
VOLUME 14914/30

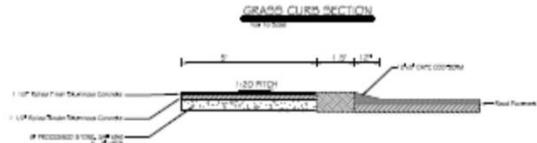
GERALDINE C. POTTS
DEED BOOK 04242, PAGE 319
VOLUME 13633/1



LEGEND

	EXISTING CONTOUR
	PROPOSED CONTOUR
	EXISTING SPOT GRADE
	PROPOSED SPOT GRADE
	WASTE SERVICE LINE
	OVERHEAD UTILITY SERVICE
	UNDERGROUND UTILITY SERVICE
	GAS SERVICE LINE
	TEST HOLE / BORING LOCATION
	SEWER MANHOLE
	WATER GATE
	GAS GATE
	LIGHT POST
	UTILITY POLE
	CATCH BASIN
	FIRE HYDRANT
	WASTE VECTOR PIT
	DRAINAGE MANHOLE
	CONCRETE ROUND, ROUND
	TOP OF BANK
	LIMIT OF WORK
	FENCE
	EDGE OF CLEARING
	OAK TREE
	SPRUCE TREE
	MAPLE TREE
	BIRCH TREE
	CEDAR TREE

NOTE: LOT LINES DIVIDING PRIVATE PARCELS ARE APPROXIMATIONS COMPILED FROM ASSOCIATED MAPS AND PLANS AND SHOULD IN NO WAY BE USED FOR SURVEYING PURPOSES.



CAPE COD BERM-GRASS STRIP OPTION

PLAN
SCALE 1"=40'



SHEET 3 OF 4

Town of Chatham Highway Department
237 Cowell Road, Chatham, MA 02623

PRELIMINARY SITE PLAN
Stage Harbor Road, Chatham, MA

J.M. O'Reilly & Associates, Inc.
Professional Engineering & Land Surveying Services

1875 Main Street - Suite 84
Chatham, MA 02623
Tel: 508-238-1111 Fax: 508-238-1112

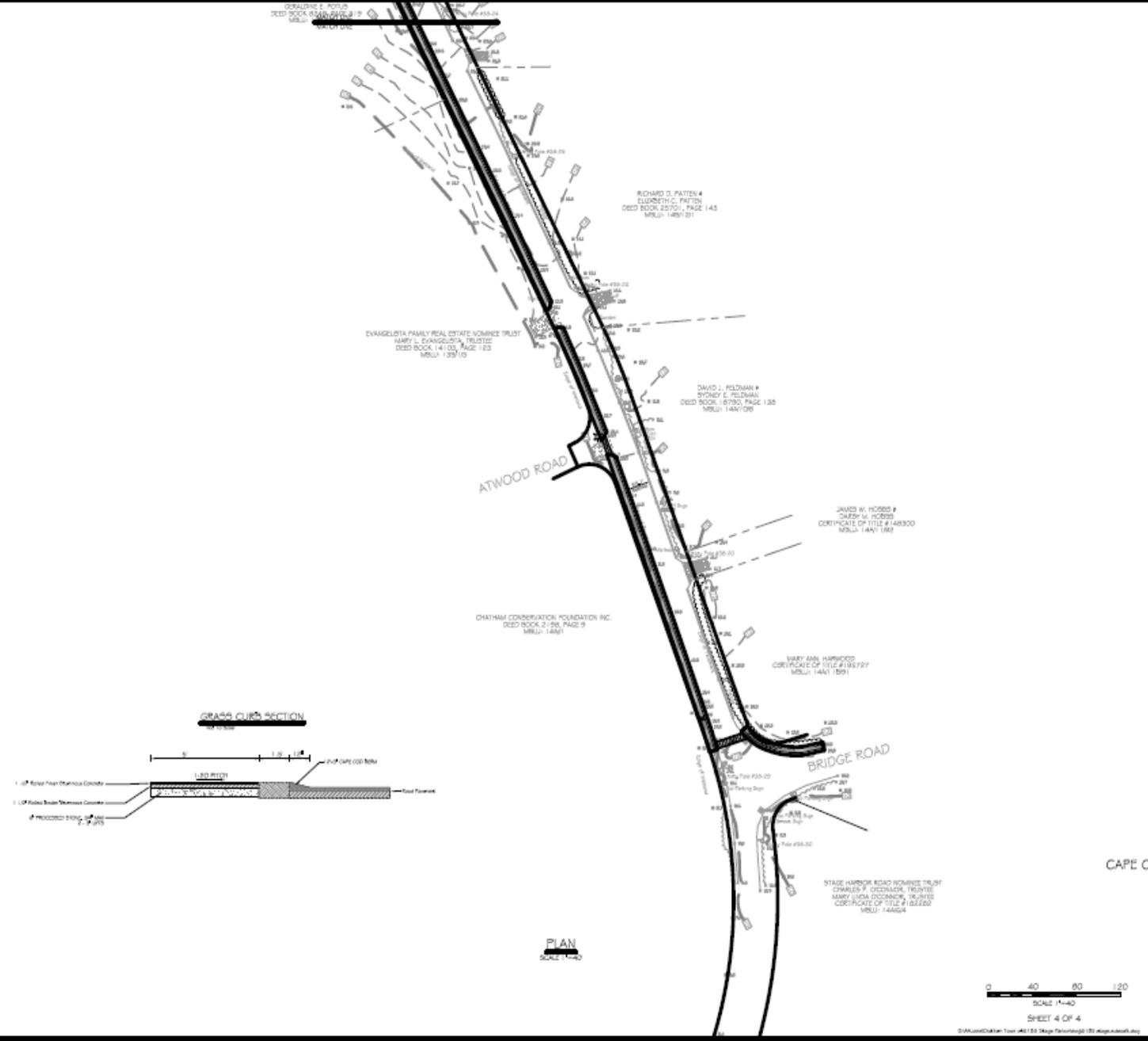
DATE	DESCRIPTION	BY	CHKD	APPROVED
05-27-14	As Noted	JMO	JMO	340-6105



LEGEND

- EXISTING CONTOUR
- PROPOSED ROAD GRADE
- WATER SERVICE LINE
- OVERHEAD UTILITY SERVICE
- UNDERGROUND UTILITY SERVICE
- GAS SERVICE LINE
- TEST HOLE / BORING LOCATION
- SEWER MANHOLE
- WATER GATE
- GAS GATE
- LIGHT POLE
- UTILITY POLE
- CATCH BASIN
- FIRE HYDRANT
- WATER METER PIT
- DRAINAGE MANHOLE
- CONCRETE ROUND POINT
- TOP OF BANK
- LIMIT OF WORK
- FENCE
- EDGE OF CLEARING
- OAK TREE
- SPRUCE TREE
- MAPLE TREE
- BIRCH TREE
- CEDAR TREE

NOTE: LOT LINES DIVIDING PRIVATE PARCELS ARE APPROXIMATIONS COMPILED FROM ASSESSORS MAPS AND PLANS AND SHOULD IN NO WAY BE USED FOR SURVEYING PURPOSES.



CAPE COD BERM-GRASS STRIP OPTION

Town of Chatham Highway Department
 227 Court Road, Chatham, MA 02625

BASE PLAN
 Stage Harbor Road, Chatham, MA

J.M. O'Reilly & Associates, Inc.
 Professional Engineering & Land Surveying Services

1979 State Street - Suite 2A
 P.O. Box 276
 Chatham, MA 02625 (508) 528-0888 Fax (508) 528-0888

DATE: 05-27-14
 DRAWN BY: JMO
 CHECKED BY: JMO
 SCALE: 1/4" = 1'-0"

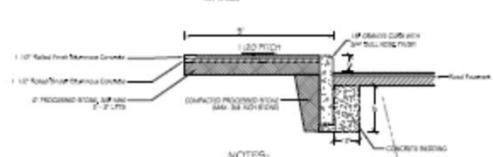


SHEET 4 OF 4

05/27/2014 10:00 AM



GRANITE CURB SECTION

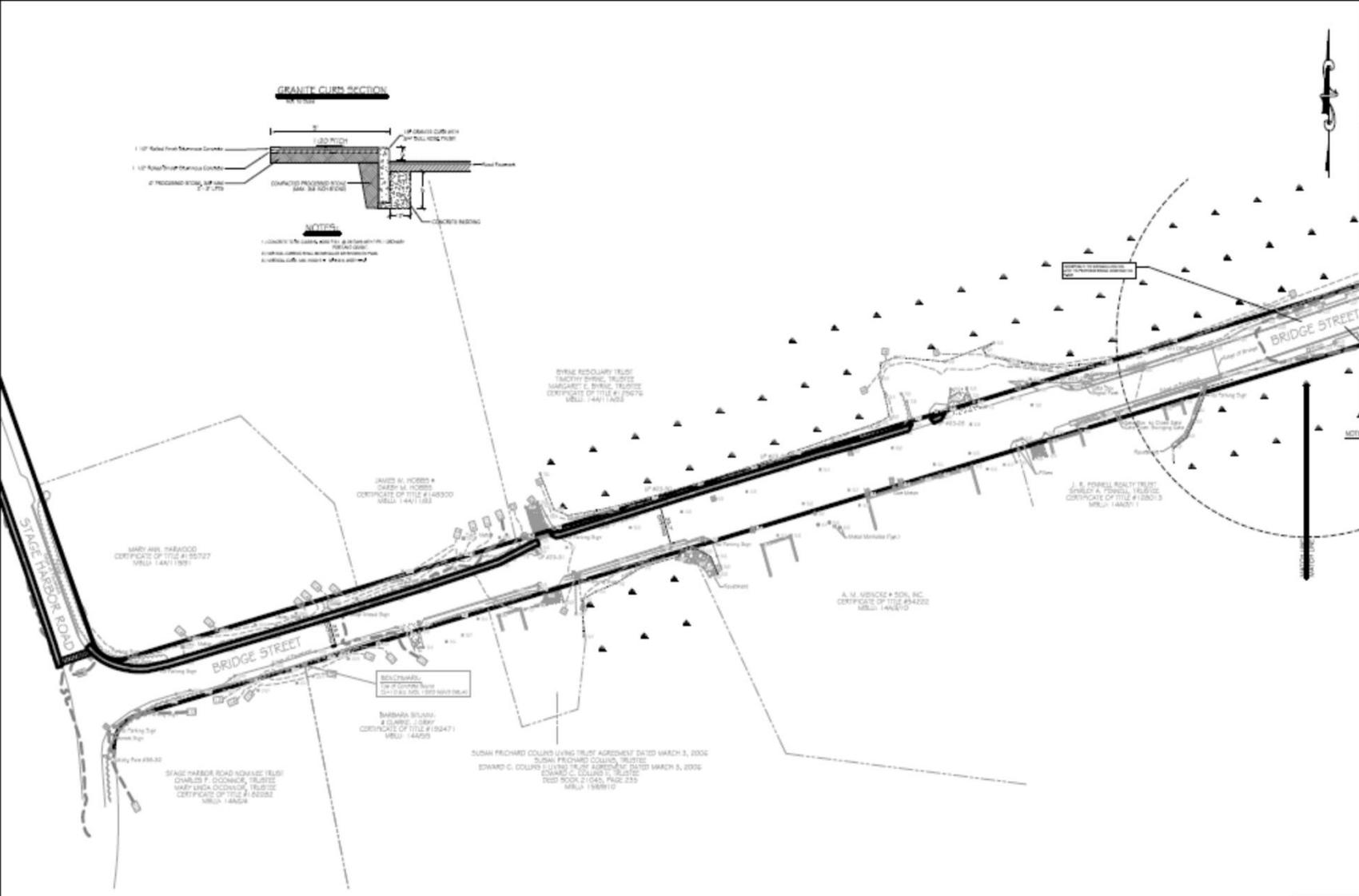


NOTES

- 1. GRANITE CURB SHALL BE 18\"/>
- 2. GRANITE CURB SHALL BE 18\"/>
- 3. GRANITE CURB SHALL BE 18\"/>



NOTE: LOT LINES DIVIDING PRIVATE PARCELS ARE APPROXIMATIONS DERIVED FROM ADJACENT MAPS AND PLANS AND SHOULD BE USED FOR SURVEYING PURPOSES.



PLAN



SHEET 1 OF 4

Town of Chatham Highway Department
221 Cornwall Road, Chatham, MA 02633

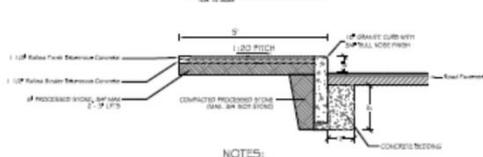
PRELIMINARY SITE PLAN
Bridge Street, Chatham, MA

J.M. O'REILLY & ASSOCIATES, INC.
Professional Engineering & Land Surveying Services

1875 State Street - Suite 4A
Chatham, MA 02633
413-538-2776
413-538-2778
413-538-2779
413-538-2780
413-538-2781
413-538-2782
413-538-2783
413-538-2784
413-538-2785
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413-538-2796
413-538-2797
413-538-2798
413-538-2799
413-538-2800

DATE: 08/27/14
BY: JMO
CHECKED: JMO
SCALE: AS SHOWN
PROJECT: BRIDGE ST
SHEET: 1 OF 4

GRANITE CURB SECTION



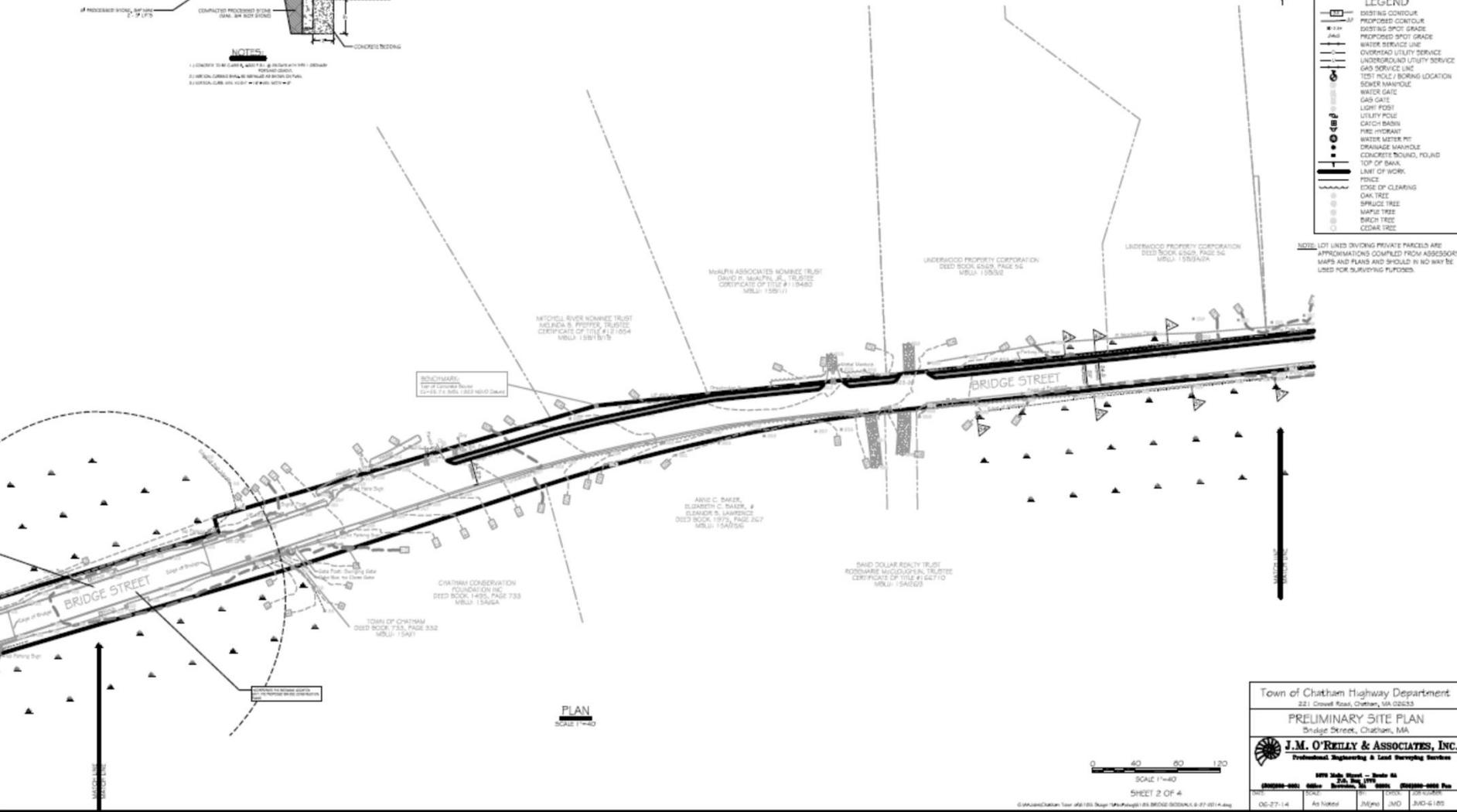
- NOTES:**
1. CONCRETE TO BE CASTED, VIBRATED, & FINISHED WITH 1\"/>
 - 2. ALL CURB CORNERS SHALL BE ROUNDED AS SHOWN ON PLAN.
 - 3. GRANITE CURB SHALL BE 1\"/>



LEGEND

- EXISTING CONTOUR
- - - - PROPOSED CONTOUR
- EXISTING SPOT GRADE
- - - - PROPOSED SPOT GRADE
- WATER SERVICE LINE
- OVERHEAD UTILITY SERVICE
- UNDERGROUND UTILITY SERVICE
- GAS SERVICE LINE
- TEST HOLE / BORING LOCATION
- SEWER MANHOLE
- WATER GATE
- GAS GATE
- LIGHT POST
- UTILITY POLE
- CATCH BASIN
- FINE HYDRANT
- WATER METER PIT
- DRAINAGE MANHOLE
- CONCRETE BOARD, FOLIAD
- TOP OF BANK
- LIMIT OF WORK
- FENCE
- EDGE OF CLEARING
- OAK TREE
- SPRUCE TREE
- MAPLE TREE
- BIRCH TREE
- CEDAR TREE

NOTE: LOT LINES DRIVING PRIVATE PARCELS ARE APPROXIMATIONS COMPILED FROM ASSESSOR'S MAPS AND PLANS AND SHOULD IN NO WAY BE USED FOR SURVEYING PURPOSES.



PLAN
SCALE 1"=40'



SHEET 2 OF 4

Town of Chatham Highway Department
221 Crowell Road, Chatham, MA 02633

PRELIMINARY SITE PLAN
Bridge Street, Chatham, MA

J.M. O'REILLY & ASSOCIATES, INC.
Professional Engineering & Land Surveying Services

2025 High Street - Suite 2A
P.O. Box 100
Chatham, MA 02633-0100
Tel: 413-588-1100 Fax: 413-588-1101

DATE: 06-27-14
As Noted
JMO
AND
JMO-G/MS

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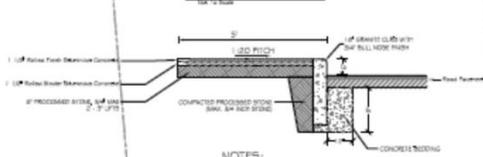
NOT TO SCALE

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING SPOT GRADE
- PROPOSED SPOT GRADE
- WATER SERVICE LINE
- DRIVEWAY UTILITY SERVICE
- UNDERGROUND UTILITY SERVICE
- GAS SERVICE LINE
- TEST HOLE / BORING LOCATION
- SEWER MANHOLE
- WATER GATE
- GAS GATE
- LIGHT POST
- UTILITY POLE
- CATCH BASIN
- FIRE HYDRANT
- WINTER METER PIT
- DRAINAGE MANHOLE
- CONCRETE BOUND, FOUND
- TOP OF DAM
- LIMIT OF WORK
- FENCE
- EDGE OF CLEARING
- OAK TREE
- SPRUCE TREE
- MAPLE TREE
- BIRCH TREE
- CEDAR TREE

NOTE: LOT LINES DIVIDING PRIVATE PARCELS ARE APPROXIMATIONS COMPILED FROM ASSESSOR'S MAPS AND PLANS AND SHOULD IN NO WAY BE USED FOR SURVEYING PURPOSES.

GRANITE CURB SECTION
SCALE 1"=4"



NOTES

1. CONTOUR TO BE SHOWN AT 2' INTERVALS.
2. SPOT GRADE SHALL BE SHOWN AT 1' INTERVALS.
3. UTILITY LOCATIONS SHALL BE SHOWN AT 1' INTERVALS.

THE MILL POND NOMINEE TRUST
JAMES C. BRADY, TRUSTEE
KEVIN J. COONAN, TRUSTEE
DEED BOOK 216-A, PAGE 276
MULL: 155842

BENCHMARK
OF CHATHAM
51-55.71 MSL (1985 NAVD 83)

UNDERWOOD PROPERTY CORPORATION
DEED BOOK 629A, PAGE 56
MULL: 155268A

CHATHAM CONSERVATION
FOUNDATION INC.
DEED BOOK 1318-I,
PAGE 233
MULL: 155843

BOWWOOD UNITED PARTNERSHIP
DEED BOOK 1054A, PAGE 139
MULL: 1628147

PETRA A. GALLS
DEED BOOK 1957G, PAGE 104
MULL: 16281874

MARY W. GRAY
DEED BOOK 2937, PAGE 123
MULL: 16281878

BRIDGE STREET

GAMMY'S LAKE

MIDDLEBURY

CHATHAM CONSERVATION
FOUNDATION INC.
DEED BOOK 3029, PAGE 140
MULL: 1552022

CHATHAM CONSERVATION
FOUNDATION INC.
DEED BOOK 1135-I, PAGE 146
MULL: 1628123

MARGARET L. GOSKIN
CLASSIFIED PERSONAL RESIDENCE TRUST
WILLIAM CAMPBELL GOSKIN, TRUSTEE
MARGARET D. GOSKIN, TRUSTEE
DEED BOOK 3310, PAGE 112
MULL: 1628144

PERES OF ANNE C. RITCHIE
DEED BOOK 7739A,
PAGE 128
MULL: 1628138A

ANDERSON FAMILY NOMINEE
TRUST OF ANDERSON TR.
RALPH M. ANDERSON, TR.
DEED BOOK 2932G, PAGE
MULL: 16281528

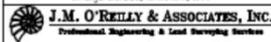
PLAN
SCALE 1"=40'



SHEET 3 OF 4

Town of Chatham Highway Department
221 Chatham Road, Chatham, MA 02633

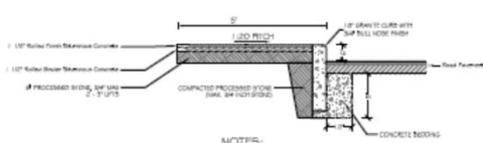
PRELIMINARY SITE PLAN
Bridge Street, Chatham, MA



1870 High Street - Suite 6A
216, 218
Chatham, MA 02633
Tel: (413) 685-1111 Fax: (413) 685-1112

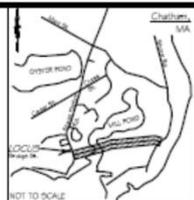
DATE	SCALE	REVISION	BY	CHKD.	APP'D.
03-27-14	As Noted		JMO	JMO	03/27/2014

GRANITE CURB SECTION



NOTES:

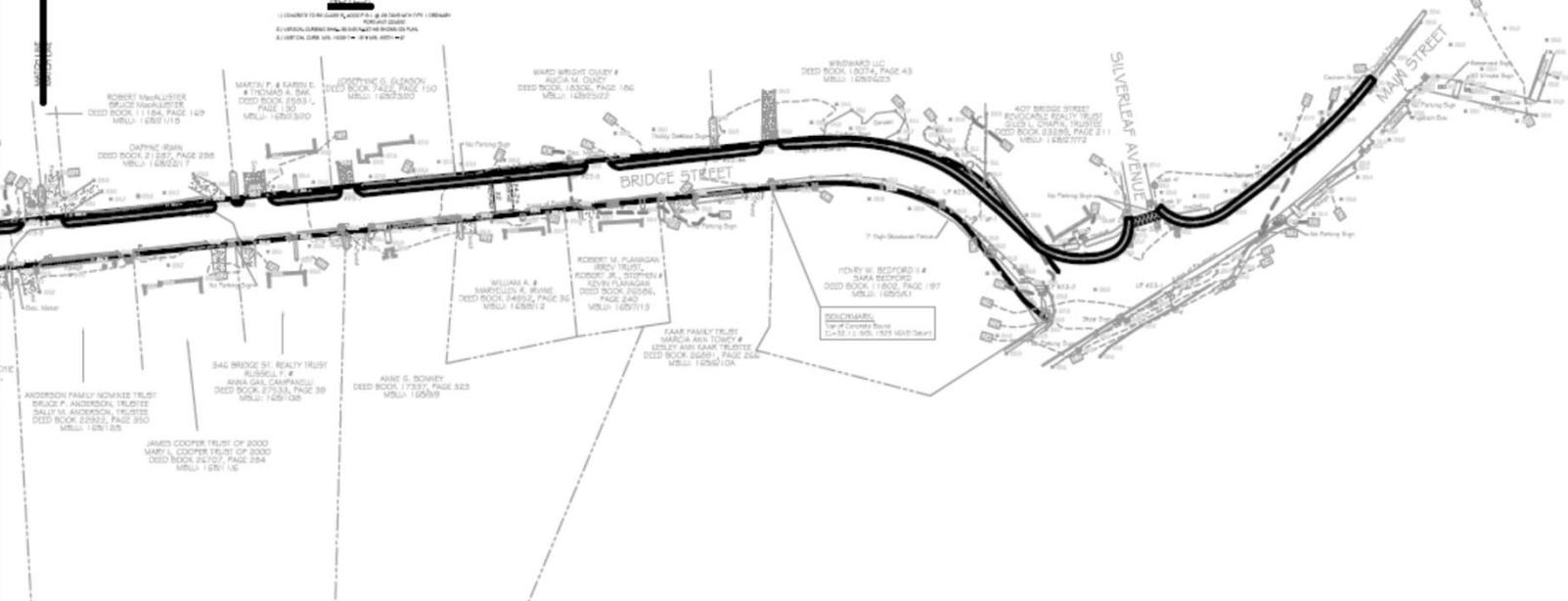
- 1. GRANITE CURB WITH 1\"/>
- 2. 1.5\"/>
- 3. 1.5\"/>
- 4. 1.5\"/>



LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING SPOT GRADE
- PROPOSED SPOT GRADE
- WATER SERVICE LINE
- OVERHEAD UTILITY SERVICE
- UNDERGROUND UTILITY SERVICE
- GAS SERVICE LINE
- TEST HOLE / BORING LOCATION
- SEWER MANHOLE
- WATER GATE
- GAS GATE
- LIGHT POLE
- UTILITY POLE
- CATCH BASIN
- FIRE HYDRANT
- WATER METER PIT
- DRAINAGE MANHOLE
- CONCRETE ROUND FOUND
- LIMIT OF WORK
- FENCE
- EDGE OF CLEARING
- OAK TREE
- SPRUCE TREE
- MAPLE TREE
- BIRCH TREE
- CEDAR TREE

NOTE: LOT LINED DRIVING PRIVATE PARCELS ARE APPROXIMATIONS OBTAINED FROM ASSESSOR'S MAPS AND PLANS AND SHOULD IN NO WAY BE USED FOR SURVEYING PURPOSES.



PLAN
SCALE 1"=40'



SCALE 1"=40'

SHEET 4 OF 4

Town of Chatham Highway Department
221 Crowell Road, Chatham, MA 02633

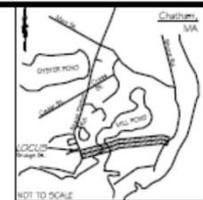
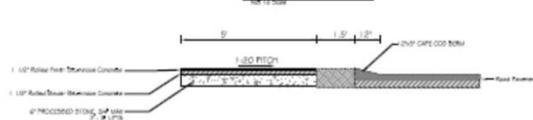
PRELIMINARY SITE PLAN
Bridgely Street, Chatham, MA

J.M. O'REILLY & ASSOCIATES, INC.
Professional Engineering & Land Surveying Services

2025 State Street - Suite 41
P.O. Box 100
Chatham, MA 02633 (413) 239-2222 Fax (413) 239-2222

06-27-14 As Noted JMO JMO JMO JMO JMO JMO

GRASS STRIP SECTION

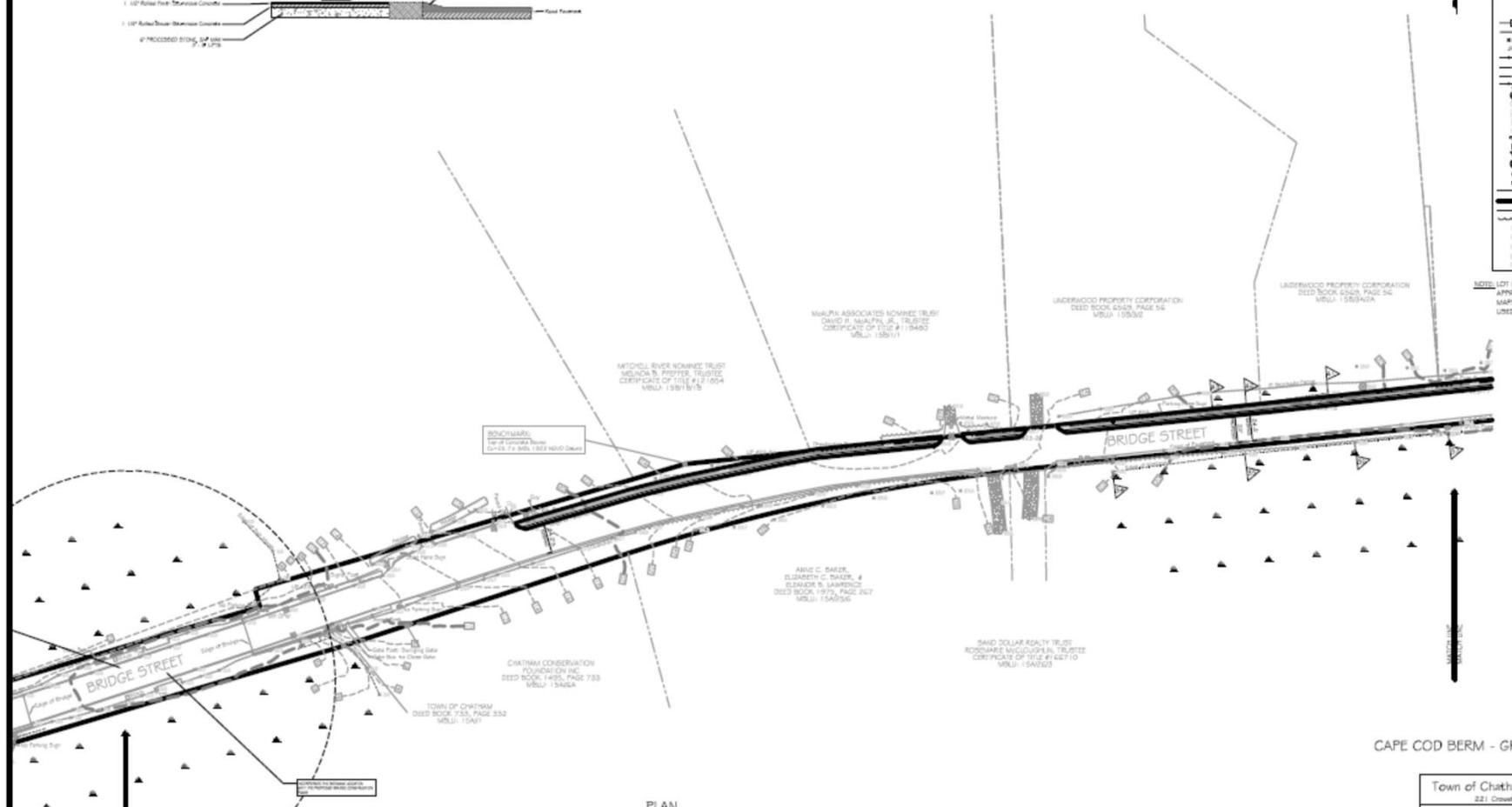


NOT TO SCALE

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING SPOT GRADE
- PROPOSED SPOT GRADE
- WATER SERVICE LINE
- UNDERGROUND UTILITY SERVICE
- GAS SERVICE LINE
- TEST HOLE / BORING LOCATION
- SOWER MANHOLE
- WATER GATE
- GAS GATE
- LIGHT POST
- UTILITY POLE
- CATCH BASIN
- FIRE HYDRANT
- WATER METER PIT
- DRAINAGE MANHOLE
- CONCRETE TYPING, POUND
- TOP OF BANK
- LIMIT OF WORK
- PRICE
- EDGE OF CLEARING
- OAK TREE
- SPURGE TREE
- MAPLE TREE
- BIRCH TREE
- CEDAR TREE

NOTE: LOT LINES DIVIDING PRIVATE PARCELS ARE APPROXIMATIONS COMPILED FROM ASSESSOR'S MAPS AND PLANS AND SHOULD IN NO WAY BE USED FOR SURVEYING PURPOSES.



PLAN
SCALE 1"=40'

CAPE COD BERM - GRASS STRIP OPTION

Town of Chatham Highway Department
221 Cobble Road, Chatham, MA 02633

PRELIMINARY SITE PLAN
Bridge Street, Chatham, MA

J.M. O'REILLY & ASSOCIATES, INC.
Professional Engineering & Land Surveying Services

2020 State Street - Suite 40
Chatham, MA 02633
PHONE: 413-588-1111 FAX: 413-588-1112
WWW: JMOA.COM

DATE: 07-27-14 SCALE: AS SHOWN DRAWN: JMO



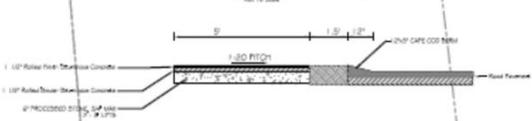
SCALE 1"=40'

SHEET 2 OF 4

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CROSS SECTION



Chatham MA

NOT TO SCALE

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING SPOT GRADE
- PROPOSED SPOT GRADE
- WATER SERVICE LINE
- UNDERGROUND UTILITY SERVICE
- GAS SERVICE LINE
- TEST HOLE / BORING LOCATION
- SEWER MANHOLE
- WATER GATE
- GAS GATE
- LIGHT POST
- UTILITY POLE
- CATCH BASIN
- FIRE HYDRANT
- WATER METER PIT
- DRAINAGE MANHOLE
- CONCRETE FOUND. FOUND
- TOP OF BANK
- LIMIT OF WORK
- FENCE
- EDGE OF CLEARING
- OAK TREE
- SPRUCE TREE
- MAPLE TREE
- BIRCH TREE
- CEDAR TREE

PLAN
SCALE 1"=40'

CAPE COD BERM - GRASS STRIP OPTION

Town of Chatham Highway Department
221 Crowell Road, Chatham, MA 02623

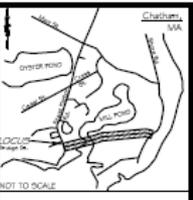
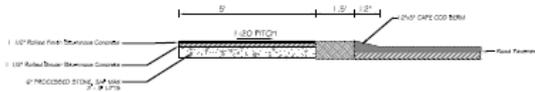
PRELIMINARY SITE PLAN
Bridge Street, Chatham, MA

J.M. O'REILLY & ASSOCIATES, INC.
Professional Engineering & Land Surveying Services

2025 State Street - Suite 40
Chatham, MA 02623
Tel: 508-238-1111 Fax: 508-238-1112

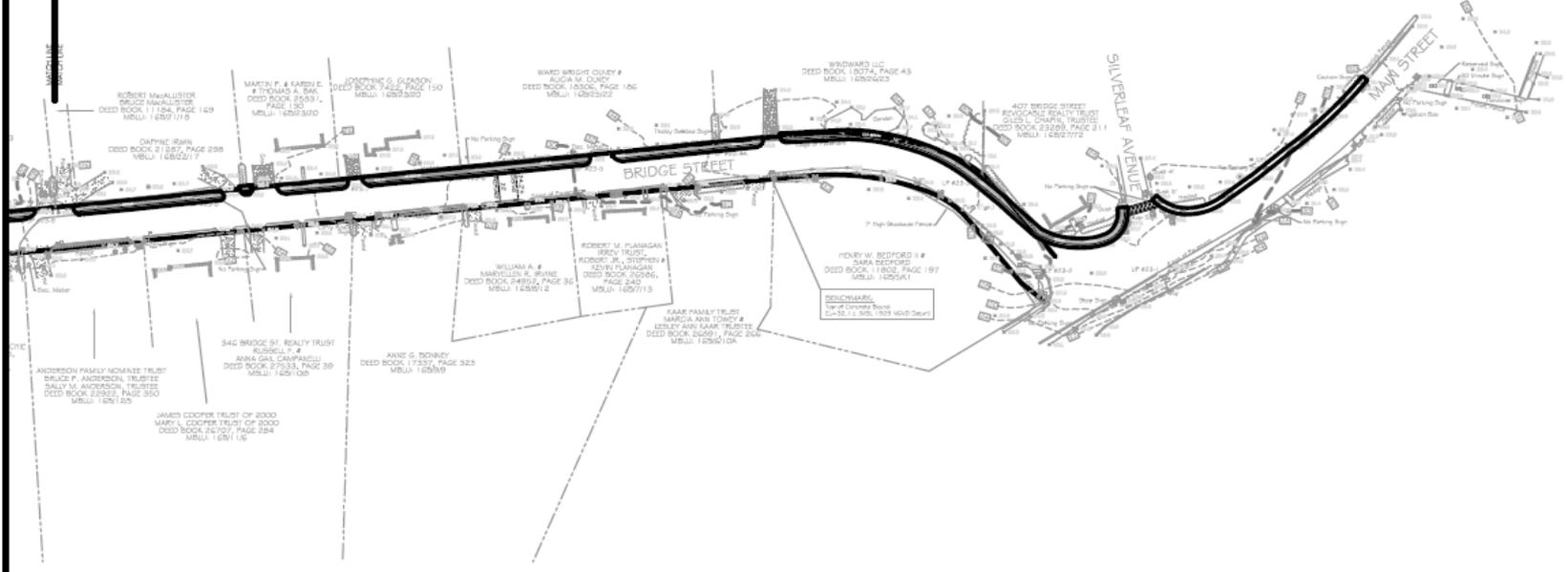
DATE: 02-27-14 SCALE: As Shown SHEET: 3 OF 4

GRASS CURB SECTION



- NOT TO SCALE
- LEGEND**
- EXISTING CONTOUR
 - - - - - PREPROPOSED CONTOUR
 - EXISTING SPOT GRADE
 - - - - - PREPROPOSED SPOT GRADE
 - WATER SERVICE LINE
 - UNDERGROUND UTILITY SERVICE
 - GAS SERVICE LINE
 - TEST HOLE BORING LOCATION
 - SEWER MANHOLE
 - WATER GATE
 - GAS GATE
 - LIGHT POST
 - UTILITY POLE
 - CATCH BASIN
 - FIRE HYDRANT
 - WATER METER PIT
 - DRAINAGE MANHOLE
 - CONCRETE SOUND, FOUND
 - TOP OF BANK
 - LIMIT OF WORK
 - FENCE
 - EDGE OF CLEARING
 - DAK TREE
 - SPRUCE TREE
 - MAPLE TREE
 - BIRCH TREE
 - CEDAR TREE

NOTE: LOT LINED DIVISIONS PRIVATE PARCELS ARE APPROXIMATIONS COMPILED FROM ASSESSORS MAPS AND PLANS AND SHOULD IN NO WAY BE USED FOR SURVIVING PURPOSES.



PLAN
SCALE: 1"=40'

CAPE COD BERM - GRASS STRIP OPTION

Town of Chatham Highway Department
221 Crowell Road, Chatham, MA 02623

PRELIMINARY SITE PLAN
Bridgeway Drive, Chatham, MA

J.M. O'REILLY & ASSOCIATES, INC.
Professional Engineering & Land Surveying Services

4975 Main Street - Suite 44
Chatham, MA 02628
(508) 238-0441 FAX: (508) 238-0442
www.jmoa.com



Grass Buffer Strip



Mountable Curb - Granite



Mountable Curb- Asphalt



Granite Curbing



Bullnose Granite Curbing



Questions and Comments



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Chatham DPW Director

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