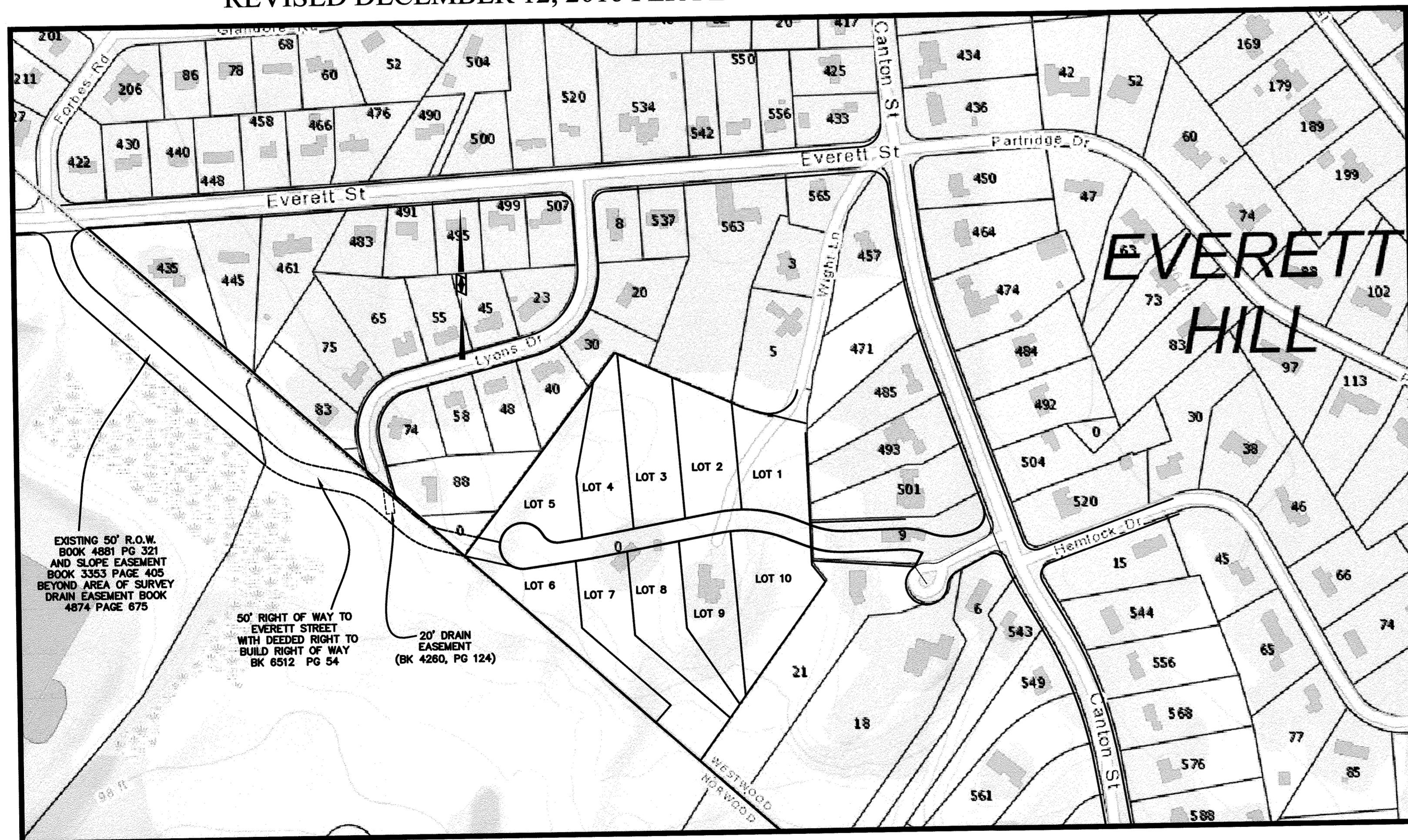


"Westwood Estates" Definitive Subdivision Plan A Single Family Residential Subdivision Canton Street In Westwood, Massachusetts

FEBRUARY 10, 2016
 REVISED MARCH 11, 2016
 REVISED APRIL 12, 2016
 REVISED MAY 19, 2016
 REVISED OCTOBER 5, 2016
 REVISED OCTOBER 21, 2016
 REVISED DECEMBER 12, 2016 PER PLANNING BOARD 11-1-16 APPROVAL



Locus Map
Scale: 1" = 200'

Civil Engineering & Land Surveying:
 Norwood Engineering Co., Inc.
 1410 Route One
 Norwood, MA 02062
 (781) 762-0143 - Fax (781) 762-8595

Applicant:
 Canton Street Realty Trust
 David Spiegel, Trustee
 P.O. Box 890
 Norwood, Ma 02062

Waivers Granted

- The following waivers were granted by the Planning Board on October 18, 2016.
- * To Allow a Dead End Length of 1207± with an Emergency Access to Connect to Lyons Drive. (Section IVA.4.c) Access Provided to be a 14' Wide Paved Drive with 3' Gravel Shoulders on Each Side (20' Total Width).
 - * To Allow a Sidewalk on One Side of the Proposed Road. (Section V.H.1)
 - * To Allow the Intersection of the Centerlines of the Proposed Road and Hemlock Dr. to be 92.4' (Note this is an increase from the existing 77.5' distance between Hedgerow Lane and Hemlock Drive) (Section IV.A.2.a)
 - * To Waive the Preparation of a Traffic Study (Section III.B.1.h)
 - * To Waive the Requirement of Locating all Trees above a 10" caliper (Section III.B.3.n) provide that trees over 24" in diameter are shown.
 - * To Allow a 25' Wide Drainage Easement in One Location (Section IV.C.1)
 - * To Waive the Requirement for Providing a Park (Section IV. E.)
 - * To Allow 2.1' of Cover Over a Sewer Pipe with Ductile Iron Pipe (7' Cover min. as shown in Typical Roadway Section)

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

DATE: 12/12/16

REGISTERED LAND SURVEYOR

DATE SUBMITTED: November 15, 2016
 DATE APPROVED: 1/10/17

[Signatures]
 WESTWOOD PLANNING BOARD

I CERTIFY THAT 20 DAYS HAVE ELAPSED SINCE PLANNING BOARD APPROVAL AND THAT NO APPEAL HAS BEEN FILED IN THIS OFFICE.
 DATE: 12/20/16
 WESTWOOD TOWN CLERK

APPROVED NOVEMBER 1, 2016 SUBJECT TO CONDITIONS SET FORTH IN A COVENANT EXECUTED BY CANTON STREET REALTY TRUST DATED MARCH 10, 2017, AND TO BE RECORDED HEREWITH.

APPLICANT: CANTON STREET REALTY TRUST
 DAVID SPIEGEL, TRUSTEE
 P.O. BOX 890
 NORWOOD, MA 02062
 781-501-5867

ASSESSORS INFORMATION:
 MAP 32 PARCEL 197
 MAP 32 PARCEL 009

ZONING CLASSIFICATION:
 SINGLE RESIDENCE C (SRC)

OWNERS:
 MAP 32 PARCEL 197
 DOROTHY A. & JOHN W. POWERS III
 9 HEDGEROW LANE
 WESTWOOD, MA 02090
 DEED BK 19637 PG 113

MAP 32 PARCEL 009
 LEONA M. LANDON NOMINEE TRUST
 LEONA M. LANDON TRUSTEE
 443 CANTON STREET
 WESTWOOD, MA 02090
 DEED BK 14233 PG 465

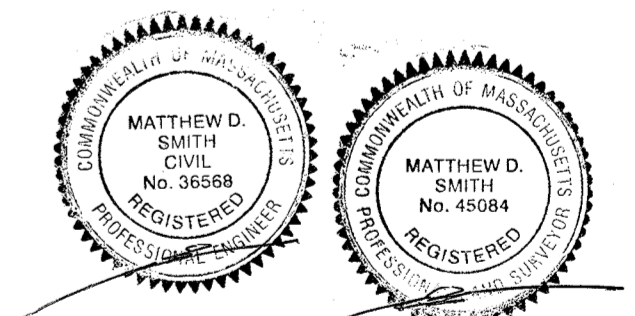
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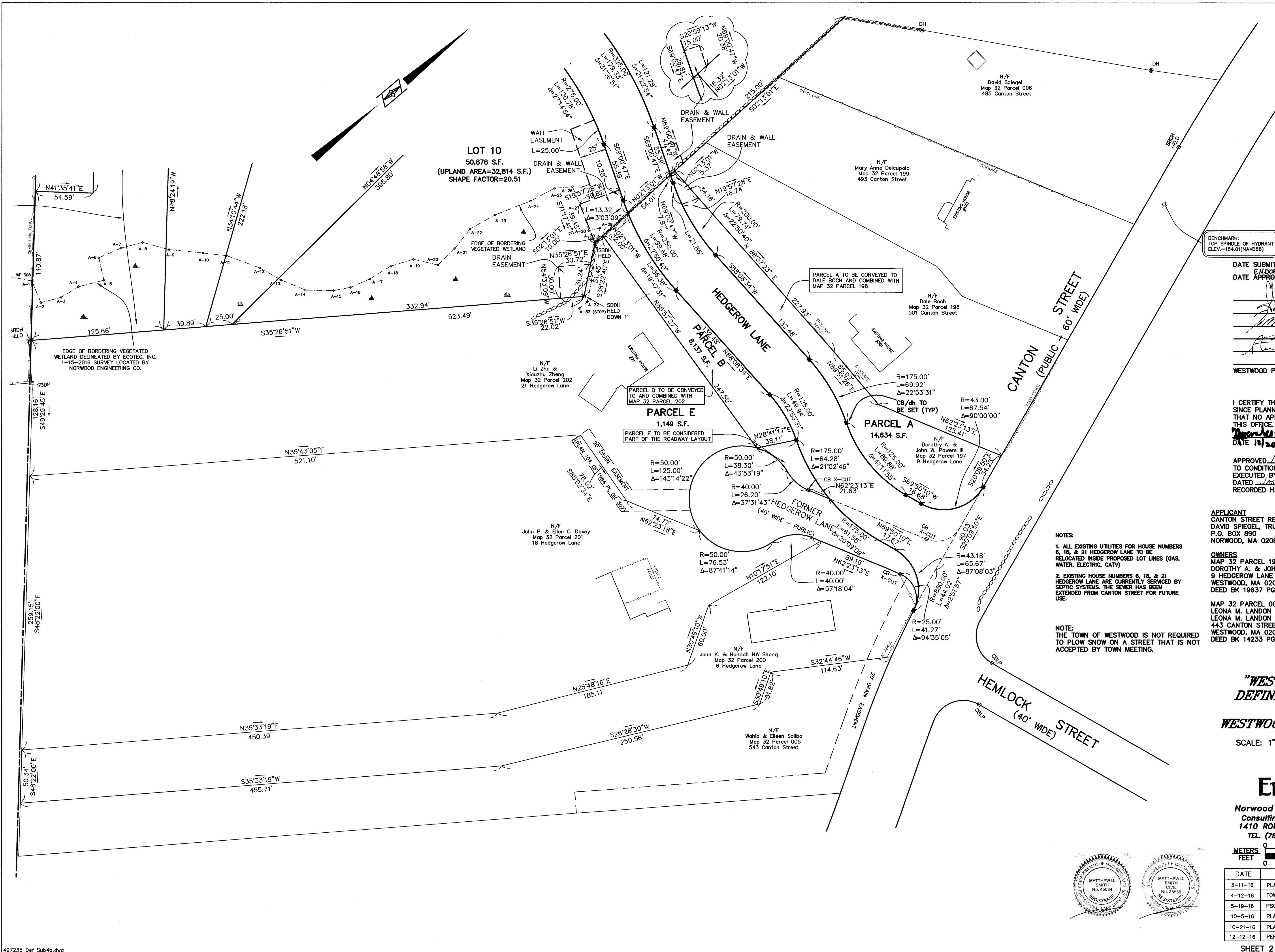
- | | |
|----------|-----------------------|
| 1 of 16 | Cover Sheet & Locus |
| 2 of 16 | Lot Layout |
| 3 of 16 | Lot Layout (20 Scale) |
| 4 of 16 | Lot Layout |
| 5 of 16 | Lot Layout |
| 6 of 16 | Grading |
| 7 of 16 | Grading |
| 8 of 16 | Grading |
| 9 of 16 | Grading & Utilities |
| 10 of 16 | Plan & Profile |
| 11 of 16 | Plan and Profile |
| 12 of 16 | Profiles & Details |
| 13 of 16 | Profiles & Details |
| 14 of 16 | Details |
| 15 of 16 | Details |
| 16 of 16 | Details |

Owners:

Map 32 Parcel 197
 Dorothy A. & John W. Powers III
 9 Hedgerow Lane
 Westwood, Ma 02090
 Deed Bk 19637 Pg 113

Map 32 Parcel 009
 Leona M. Landon Nominee Trust
 Leona M. Landon Trustee
 443 Canton Street
 Westwood, Ma 02090
 Deed Bk 14233 Pg 465





I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.
 DATE: 12/12/16
 REGISTERED LAND SURVEYOR

BENCHMARK: TOP SPINDLE OF HYDRANT ELEV.=184.01(NAVD83)
 DATE SUBMITTED: ENCLOSED
 DATE APPROVED: 11/10/2017
 [Signatures]

WESTWOOD PLANNING BOARD
 I CERTIFY THAT 20 DAYS HAVE ELAPSED SINCE PLANNING BOARD APPROVAL AND THAT NO APPEAL HAS BEEN FILED IN THIS OFFICE.
 [Signature]
 WESTWOOD TOWN CLERK

APPROVED November 1, 2016, SUBJECT TO CONDITIONS SET FORTH IN A COVENANT EXECUTED BY CANTON ST REALTY TRUST, DATED January 19, 2017, AND TO BE RECORDED HEREWITH.

APPLICANT: CANTON STREET REALTY TRUST, DAVID SPIEGEL, TRUSTEE, P.O. BOX 890, NORWOOD, MA 02062
ASSESSORS INFORMATION: MAP 32 PARCEL 197, MAP 32 PARCEL 009, ZONING CLASSIFICATION SINGLE RESIDENCE C (SRC)
OWNERS: MAP 32 PARCEL 197, DOROTHY A. & JOHN W. POWERS III, 9 HEDGEROW LANE, WESTWOOD, MA 02090, DEED BK 19637 PG 113
 MAP 32 PARCEL 009, LEONA M. LANDON NOMINEE TRUST, LEONA M. LANDON TRUSTEE, 443 CANTON STREET, WESTWOOD, MA 02090, DEED BK 14233 PG 465

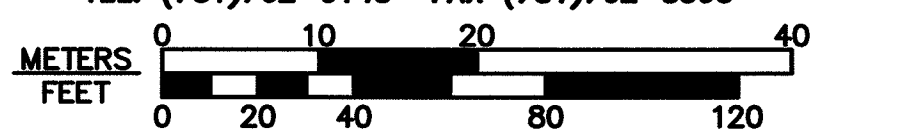
- NOTES:**
- ALL EXISTING UTILITIES FOR HOUSE NUMBERS 6, 18, & 21 HEDGEROW LANE TO BE RELOCATED INSIDE PROPOSED LOT LINES (GAS, WATER, ELECTRIC, CATV)
 - EXISTING HOUSE NUMBERS 6, 18, & 21 HEDGEROW LANE ARE CURRENTLY SERVICED BY SEPTIC SYSTEMS. THE SEWER HAS BEEN EXTENDED FROM CANTON STREET FOR FUTURE USE.
- NOTE:** THE TOWN OF WESTWOOD IS NOT REQUIRED TO PLOW SNOW ON A STREET THAT IS NOT ACCEPTED BY TOWN MEETING.

**"WESTWOOD ESTATES"
DEFINITIVE SUBDIVISION
LOT LAYOUT
WESTWOOD, MASSACHUSETTS**

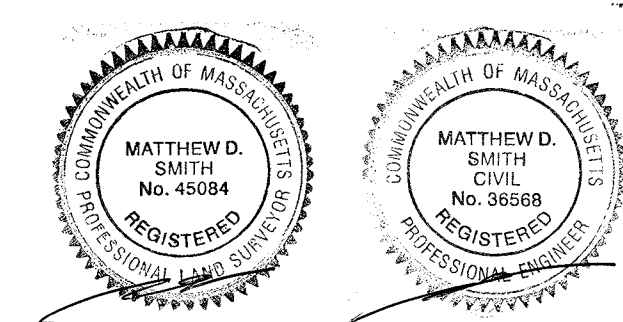
SCALE: 1" = 40' FEBRUARY 10, 2016

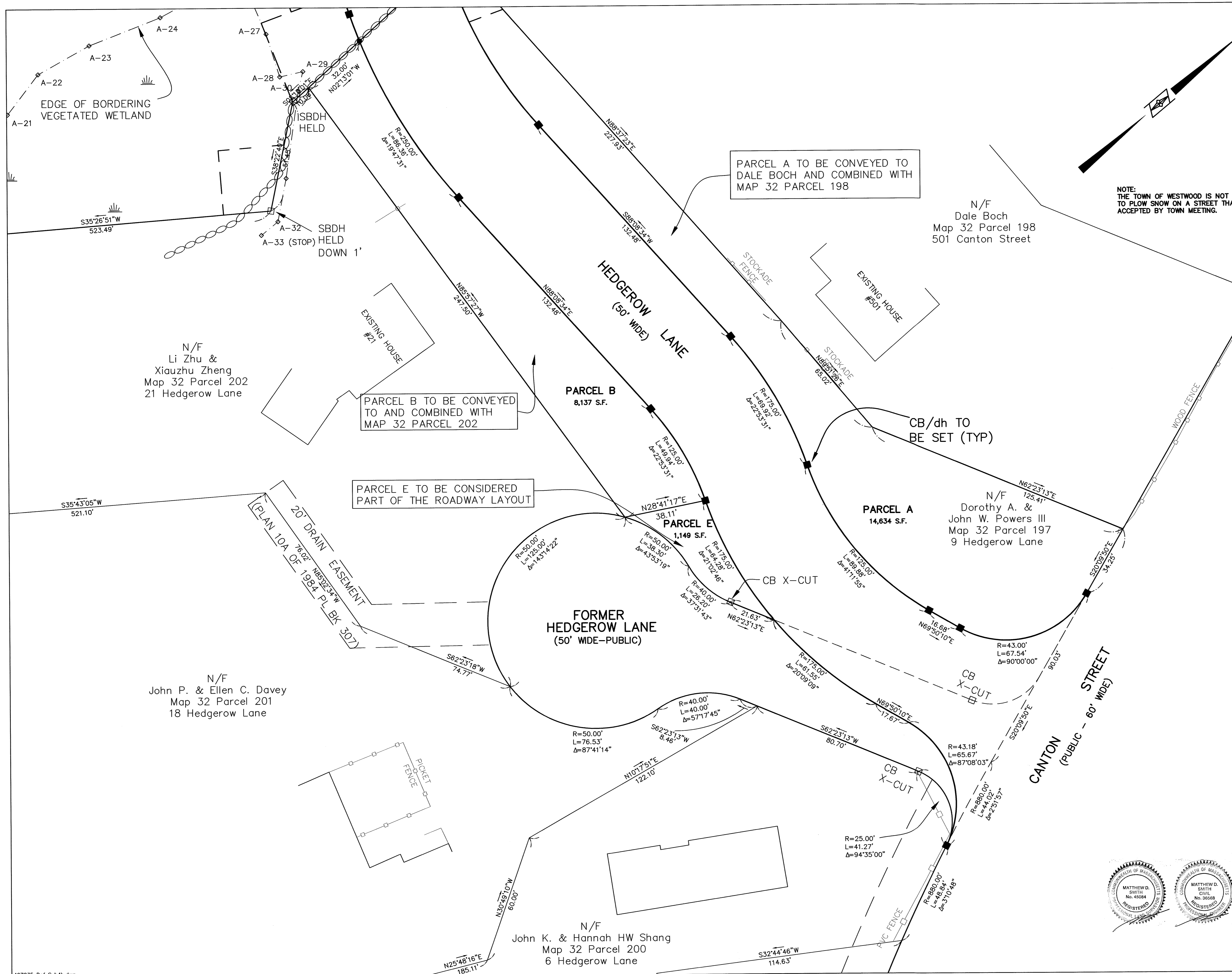
Norwood Engineering

Norwood Engineering Company, Inc.
Consulting Engineers, Land Surveyors
1410 ROUTE ONE, NORWOOD, MA 02062
TEL (781)762-0143 FAX (781)762-8595



DATE	REVISIONS
3-11-16	PLANNING STAFF/FIRE CHIEF COMMENTS
4-12-16	TOWN ENGINEER & PSC COMMENTS
5-19-16	PSC COMMENTS, LID REDESIGN TO NEW P.B. REGS
10-5-16	PLANNING BOARD COMMENTS
10-21-16	PLANNING BOARD COMMENTS
12-12-16	PER PLANNING BOARD 11-1-16 APPROVAL





I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.
 DATE: 12/12/16
 REGISTERED LAND SURVEYOR

DATE SUBMITTED: 1/10/2017
 ENDORSED:
 DATE APPROVED: 1/10/2017
 WESTWOOD PLANNING BOARD

I CERTIFY THAT 20 DAYS HAVE ELAPSED SINCE PLANNING BOARD APPROVAL AND THAT NO APPEAL HAS BEEN FILED IN THIS OFFICE.
 DATE: 12/10/16
 WESTWOOD TOWN CLERK

APPROVED: November 1, 2016, SUBJECT TO CONDITIONS SET FORTH IN A COVENANT EXECUTED BY CANTON STREET TRUST, DATED January 10, 2017, AND TO BE RECORDED HERewith.

APPLICANT
 CANTON STREET REALTY TRUST
 DAVID SPIEGEL, TRUSTEE
 P.O. BOX 890
 NORWOOD, MA 02062

ASSESSORS INFORMATION
 MAP 32 PARCEL 197
 MAP 32 PARCEL 009

ZONING CLASSIFICATION
 SINGLE RESIDENCE C (SRC)

OWNERS
 MAP 32 PARCEL 197
 DOROTHY A. & JOHN W. POWERS III
 9 HEDGEROW LANE
 WESTWOOD, MA 02090
 DEED BK 19637 PG 113

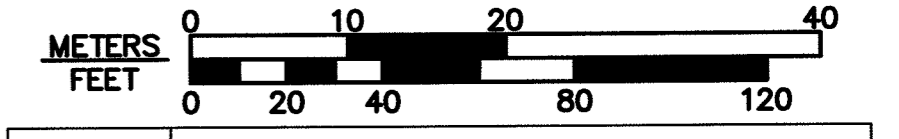
MAP 32 PARCEL 009
 LEONA M. LANDON NOMINEE TRUST
 LEONA M. LANDON TRUSTEE
 443 CANTON STREET
 WESTWOOD, MA 02090
 DEED BK 14233 PG 465

**"WESTWOOD ESTATES"
 DEFINITIVE SUBDIVISION
 LOT LAYOUT
 WESTWOOD, MASSACHUSETTS**

SCALE: 1" = 20' FEBRUARY 10, 2016

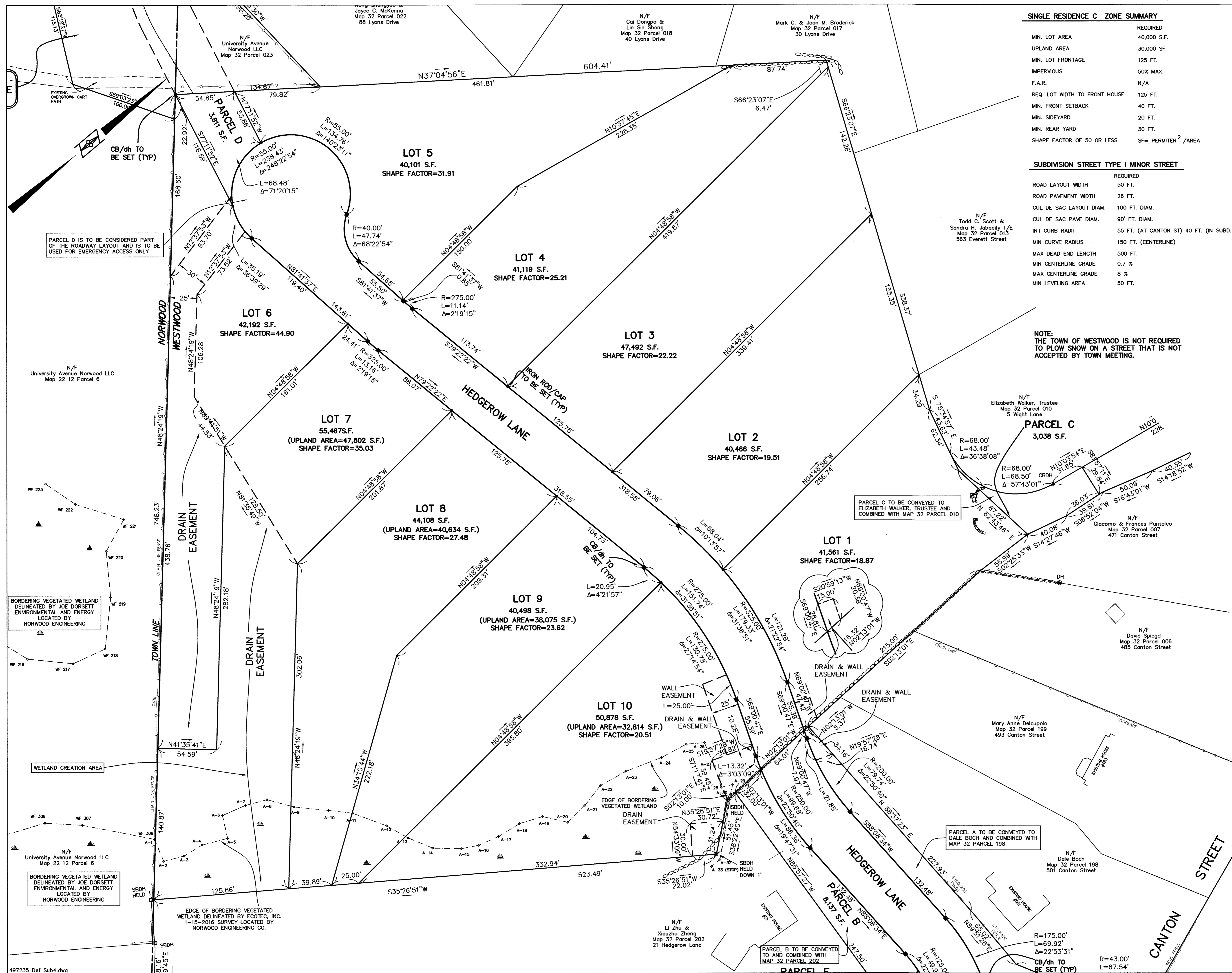
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10-21-16	PLANNING BOARD COMMENTS
12-12-16	PER PLANNING BOARD 11-1-16 APPROVAL

497235 Def Sub4b.dwg



SINGLE RESIDENCE C ZONE SUMMARY

REQUIRED	
MIN. LOT AREA	40,000 S.F.
UPLAND AREA	30,000 SF.
MIN. LOT FRONTAGE	125 FT.
IMPERVIOUS	50% MAX.
F.A.R.	N/A
REQ. LOT WIDTH TO FRONT HOUSE	125 FT.
MIN. FRONT SETBACK	40 FT.
MIN. SIDEYARD	20 FT.
MIN. REAR YARD	30 FT.
SHAPE FACTOR OF 50 OR LESS	SF= PERIMETER ² / AREA

SUBDIVISION STREET TYPE I MINOR STREET

REQUIRED	
ROAD LAYOUT WIDTH	50 FT.
ROAD PAVEMENT WIDTH	26 FT.
CUL DE SAC LAYOUT DIAM.	100 FT. DIAM.
CUL DE SAC PAVE DIAM.	90' FT. DIAM.
INT CURB RADII	55 FT. (AT CANTON ST) 40 FT. (IN SUBD.)
MIN CURVE RADIUS	150 FT. (CENTERLINE)
MAX DEAD END LENGTH	500 FT.
MIN CENTERLINE GRADE	0.7 %
MAX CENTERLINE GRADE	8 %
MIN LEVELING AREA	50 FT.

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

DATE: 12/12/16

REGISTERED LAND SURVEYOR

DATE SUBMITTED: 11/10/2017
 ENDORSED: [Signature]
 DATE APPROVED: 11/10/2017
 [Signature]
 [Signature]
 [Signature]

WESTWOOD PLANNING BOARD

I CERTIFY THAT 20 DAYS HAVE ELAPSED SINCE PLANNING BOARD APPROVAL AND THAT NO APPEAL HAS BEEN FILED IN THIS OFFICE.
 DATE 1/13/2018
 [Signature]
 WESTWOOD TOWN CLERK

APPROVED November 1, 2016, SUBJECT TO CONDITIONS SET FORTH IN A COVENANT EXECUTED BY CANTON ST. RESIDENTS TRUST, DATED JANUARY 10, 2017, AND TO BE RECORDED HEREWITH.

APPLICANT
 CANTON STREET REALTY TRUST
 DAVID SPIEGEL, TRUSTEE
 P.O. BOX 890
 NORWOOD, MA 02062

ASSESSORS INFORMATION
 MAP 32 PARCEL 197
 MAP 32 PARCEL 009

ZONING CLASSIFICATION
 SINGLE RESIDENCE C (SRC)

OWNERS
 MAP 32 PARCEL 197
 DOROTHY A. & JOHN W. POWERS III
 9 HEDGEROW LANE
 WESTWOOD, MA 02090
 DEED BK 19637 PG 113

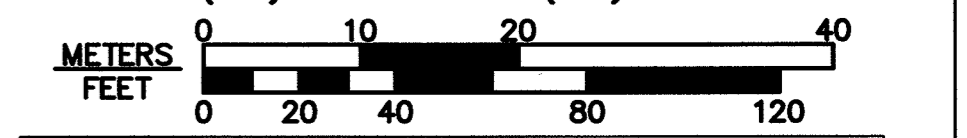
OWNERS
 MAP 32 PARCEL 009
 LEONA M. LANDON NOMINEE TRUST
 LEONA M. LANDON TRUSTEE
 443 CANTON STREET
 WESTWOOD, MA 02090
 DEED BK 14233 PG 465

**"WESTWOOD ESTATES"
 DEFINITIVE SUBDIVISION
 LOT LAYOUT
 WESTWOOD, MASSACHUSETTS**

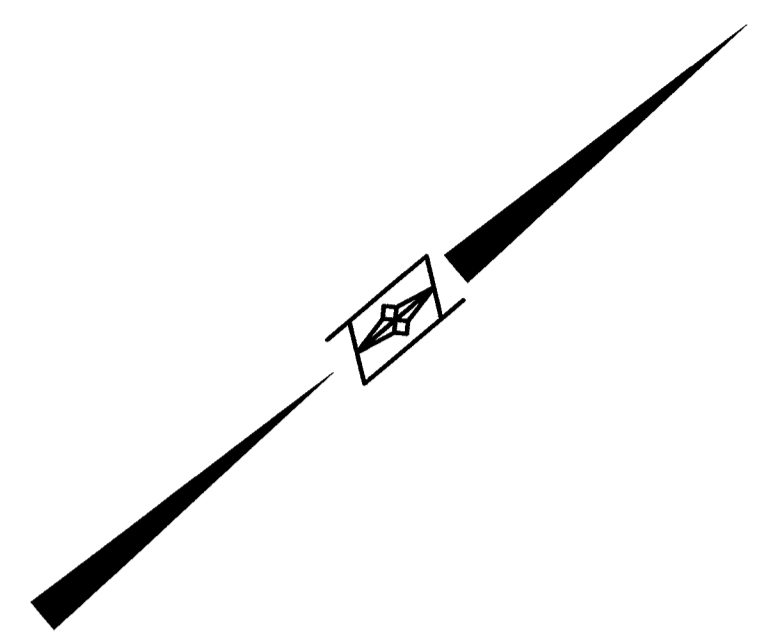
SCALE: 1" = 40' FEBRUARY 10, 2016

Norwood Engineering

Norwood Engineering Company, Inc.
 Consulting Engineers, Land Surveyors
 1410 ROUTE ONE, NORWOOD, MA 02062
 TEL (781)762-0143 FAX (781)762-8595



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12-12-16	PER PLANNING BOARD 11-1-16 APPROVAL



N/F
Robert McDougall
Map 31 Parcel 030 461 Everett Street

EVERETT STREET
(60' WIDE COUNTY LAYOUT, 1958)

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

DATE: 12/12/16

REGISTERED LAND SURVEYOR

DATE SUBMITTED: 11/01/17
DATE APPROVED: 11/01/17
[Signatures]

WESTWOOD PLANNING BOARD

I CERTIFY THAT 20 DAYS HAVE ELAPSED SINCE PLANNING BOARD APPROVAL AND THAT NO APPEAL HAS BEEN FILED IN THIS OFFICE.
DATE 12/30/16
[Signature] WESTWOOD TOWN CLERK

APPROVED: NOVEMBER 1, 2016, SUBJECT TO CONDITIONS SET FORTH IN A COVENANT EXECUTED BY CANTON STREET REALTY TRUST, DATED JANUARY 10, 2017, AND TO BE RECORDED HEREWITH.

APPLICANT: CANTON STREET REALTY TRUST
DAVID SPIEGEL, TRUSTEE
P.O. BOX 890
NORWOOD, MA 02062

ASSESSORS INFORMATION:
MAP 32 PARCEL 197
MAP 32 PARCEL 009
ZONING CLASSIFICATION: SINGLE RESIDENCE C (SRC)

OWNERS:
MAP 32 PARCEL 197
DOROTHY A. & JOHN W. POWERS III
9 HEDGEROW LANE
WESTWOOD, MA 02090
DEED BK 19637 PG 113

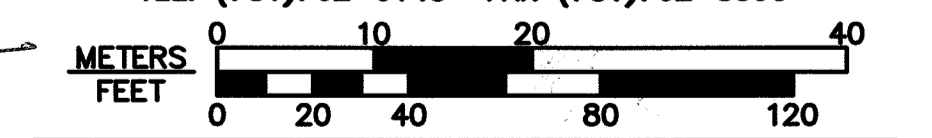
MAP 32 PARCEL 009
LEONA M. LANDON NOMINEE TRUST
LEONA M. LANDON TRUSTEE
443 CANTON STREET
WESTWOOD, MA 02090
DEED BK 14233 PG 465

"WESTWOOD ESTATES" DEFINITIVE SUBDIVISION LOT LAYOUT WESTWOOD, MASSACHUSETTS

SCALE: 1" = 40' FEBRUARY 10, 2016

Norwood Engineering

Norwood Engineering Company, Inc.
Consulting Engineers, Land Surveyors
1410 ROUTE ONE, NORWOOD, MA 02062
TEL. (781)762-0145 FAX (781)762-8595



DATE	REVISIONS
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BORDERING VEGETATED WETLAND DELINEATED BY JOE DORSETT ENVIRONMENTAL AND ENERGY LOCATED BY NORWOOD ENGINEERING

50' RIGHT OF WAY TO BUILD 65' X 120' LOT OR BE AN UNIMPROVED LOT

PARCEL F
1,685 S.F.
PARCEL F TO BE CONSIDERED PART OF THE ROADWAY LAYOUT

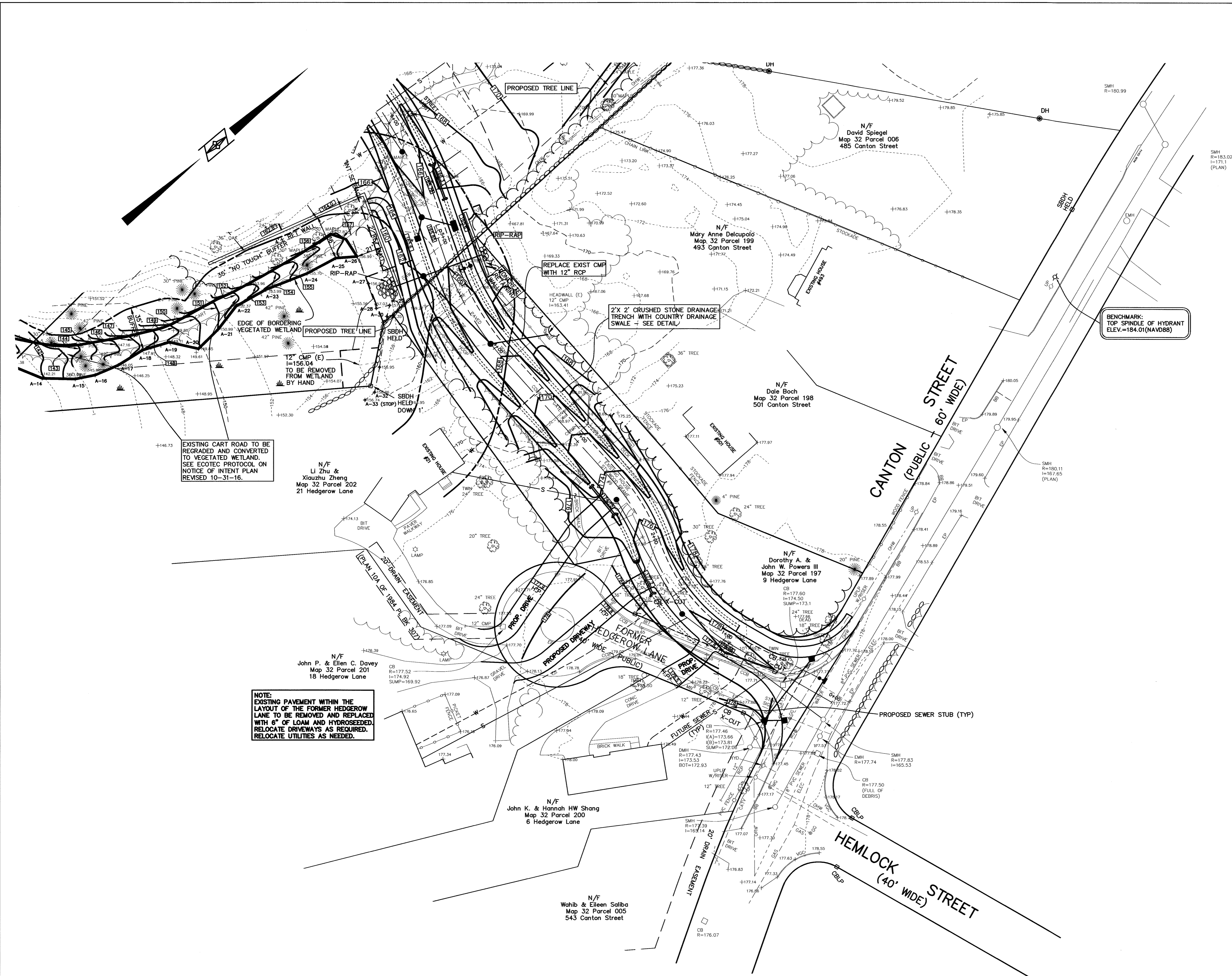
LYONS DRIVE
(50' WIDE PRIVATE)

PARCEL D
3,811 S.F.

LOT 5
40,101 S.F.
SHAPE FACTOR=31.91

PROPOSED LAND PURCHASE
46,603 S.F.

NOTE:
THE TOWN OF WESTWOOD IS NOT REQUIRED TO PLOW SNOW ON A STREET THAT IS NOT ACCEPTED BY TOWN MEETING.



I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

DATE: 12/12/16

REGISTERED LAND SURVEYOR

DATE SUBMITTED: ENDCSE
 DATE APPROVED: 1/19/2017
 [Signatures]

WESTWOOD PLANNING BOARD

I CERTIFY THAT 20 DAYS HAVE ELAPSED SINCE PLANNING BOARD APPROVAL AND THAT NO APPEAL HAS BEEN FILED IN THIS OFFICE.
 DATE 12/16/16 [Signature] WESTWOOD TOWN CLERK

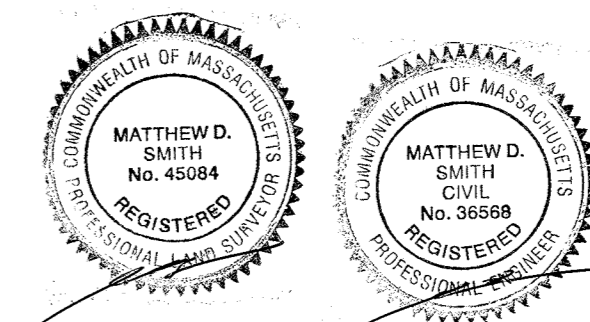
APPROVED _____ SUBJECT TO CONDITIONS SET FORTH IN A COVENANT EXECUTED BY _____ DATED _____ AND TO BE RECORDED HERewith.

APPLICANT: CANTON STREET REALTY TRUST
 DAVID SPIEGEL, TRUSTEE
 P.O. BOX 890
 NORWOOD, MA 02062

ASSESSORS INFORMATION:
 MAP 32 PARCEL 197
 MAP 32 PARCEL 009
 ZONING CLASSIFICATION: SINGLE RESIDENCE C (SRC)

OWNERS:
 MAP 32 PARCEL 197
 DOROTHY A. & JOHN W. POWERS III
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 DEED BK 19637 PG 113

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 LEONA M. LANDON NOMINEE TRUST
 LEONA M. LANDON TRUSTEE
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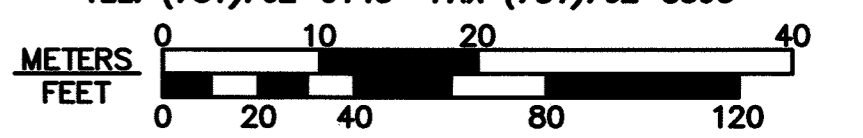


**"WESTWOOD ESTATES"
 DEFINITIVE SUBDIVISION
 GRADING
 WESTWOOD, MASSACHUSETTS**

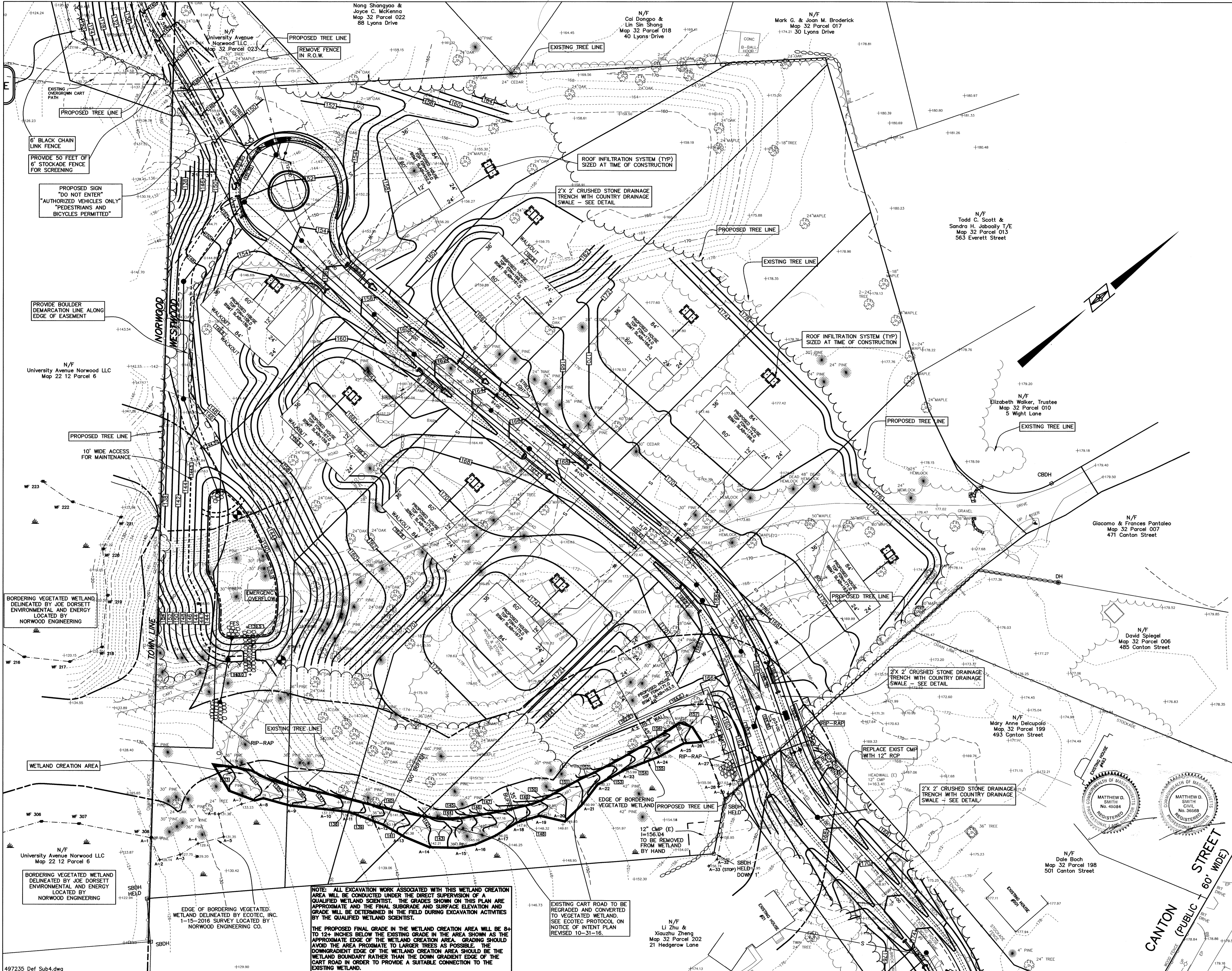
SCALE: 1" = 40' FEBRUARY 10, 2016

**Norwood
 Engineering**

Norwood Engineering Company, Inc.
 Consulting Engineers, Land Surveyors
 1410 ROUTE ONE, NORWOOD, MA 02062
 TEL (781)762-0143 FAX (781)762-8595



DATE	REVISIONS
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DATE: 12/12/16

REGISTERED LAND SURVEYOR

DATE SUBMITTED: 11/10/2017
 DATE APPROVED: 11/10/2017
 [Signatures]

WESTWOOD PLANNING BOARD

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 DATE 12/12/16 [Signature] WESTWOOD TOWN CLERK

APPROVED _____ SUBJECT TO CONDITIONS SET FORTH IN A COVENANT EXECUTED BY _____, AND TO BE RECORDED HERewith.

APPLICANT
 CANTON STREET REALTY TRUST
 DAVID SPIEGEL, TRUSTEE
 P.O. BOX 890
 NORWOOD, MA 02062

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 GRADING
 WESTWOOD, MASSACHUSETTS**

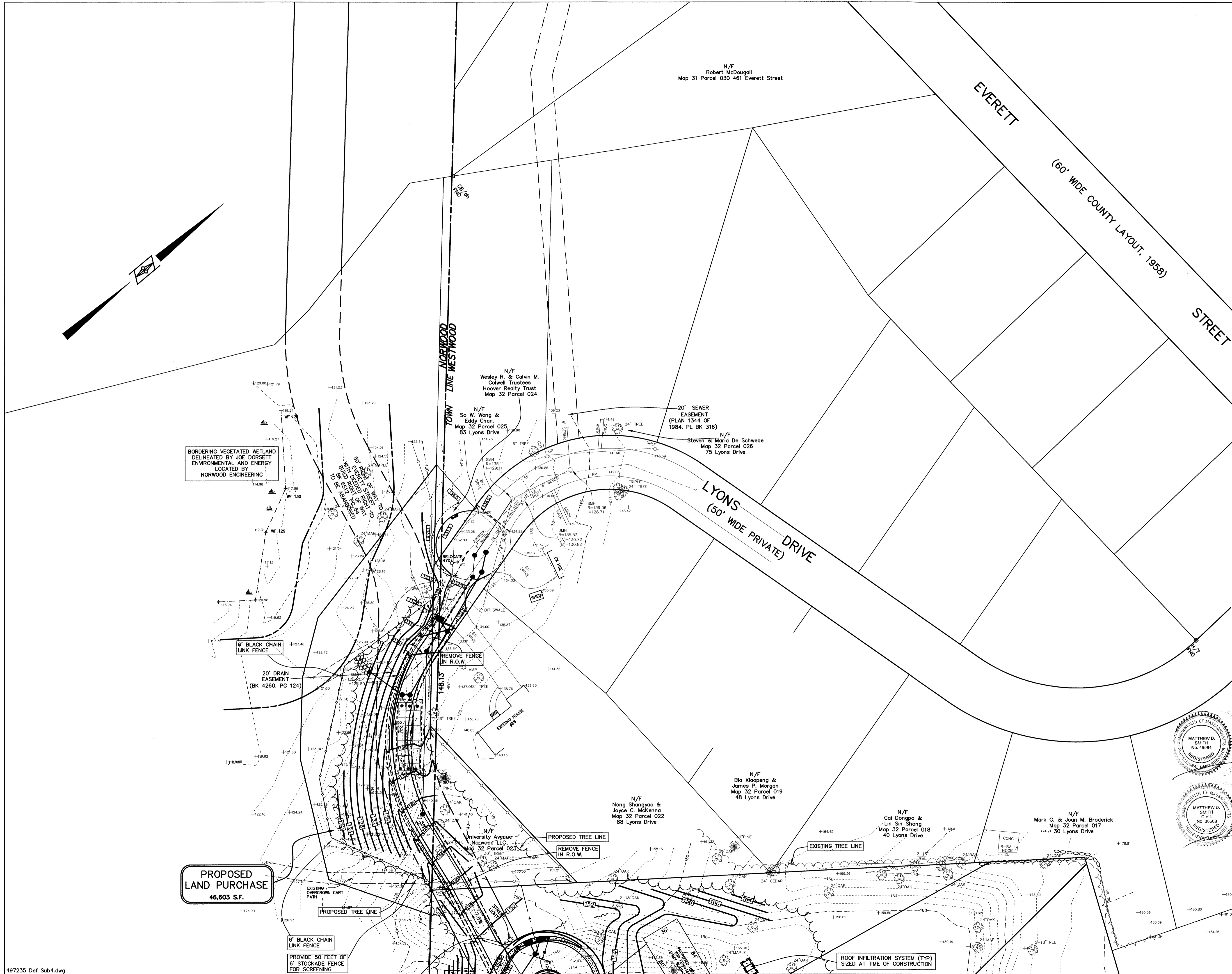
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N/F
Robert McDougall
Map 31 Parcel 030 461 Everett Street

EVERETT STREET
(60' WIDE COUNTY LAYOUT, 1958)

N/F
Wesley R. & Colvin M. Colwell Trustees
Hoover Realty Trust
Map 32 Parcel 024

N/F
So W. Wong & Eddy Chan.
Map 32 Parcel 025
83 Lyons Drive

20' SEWER EASEMENT
(PLAN 1344 OF 1984, PL BK 316)

N/F
Steven & Maria De Schwede
Map 32 Parcel 026
75 Lyons Drive

BORDERING VEGETATED WETLAND DELINEATED BY JOE DORSETT ENVIRONMENTAL AND ENERGY LOCATED BY NORWOOD ENGINEERING

LYONS DRIVE
(50' WIDE PRIVATE)

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DEED BK 14233 PG 465

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GRADING
WESTWOOD, MASSACHUSETTS**

SCALE: 1" = 40' FEBRUARY 10, 2016

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TEL. (781)762-0143 FAX (781)762-8595

METERS 0 10 20 40
FEET 0 20 40 80 120

DATE	REVISIONS
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4-12-16	TOWN ENGINEER & PSC COMMENTS
5-19-16	PSC COMMENTS, LID REDESIGN TO NEW P.B. REGS
10-5-16	PLANNING BOARD COMMENTS
10-21-16	PLANNING BOARD COMMENTS
12-12-16	PER PLANNING BOARD 11-1-16 APPROVAL

SHEET 8 OF 16 4972-35

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

DATE: 12/17/16

REGISTERED LAND SURVEYOR

DATE SUBMITTED: ENCLOSED
DATE APPROVED: 1/10/2017

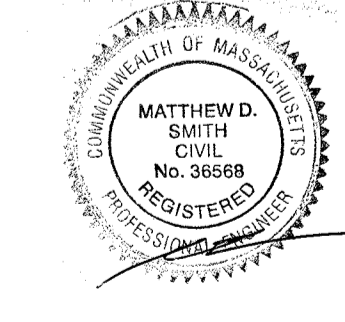
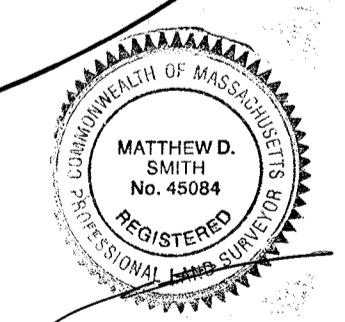
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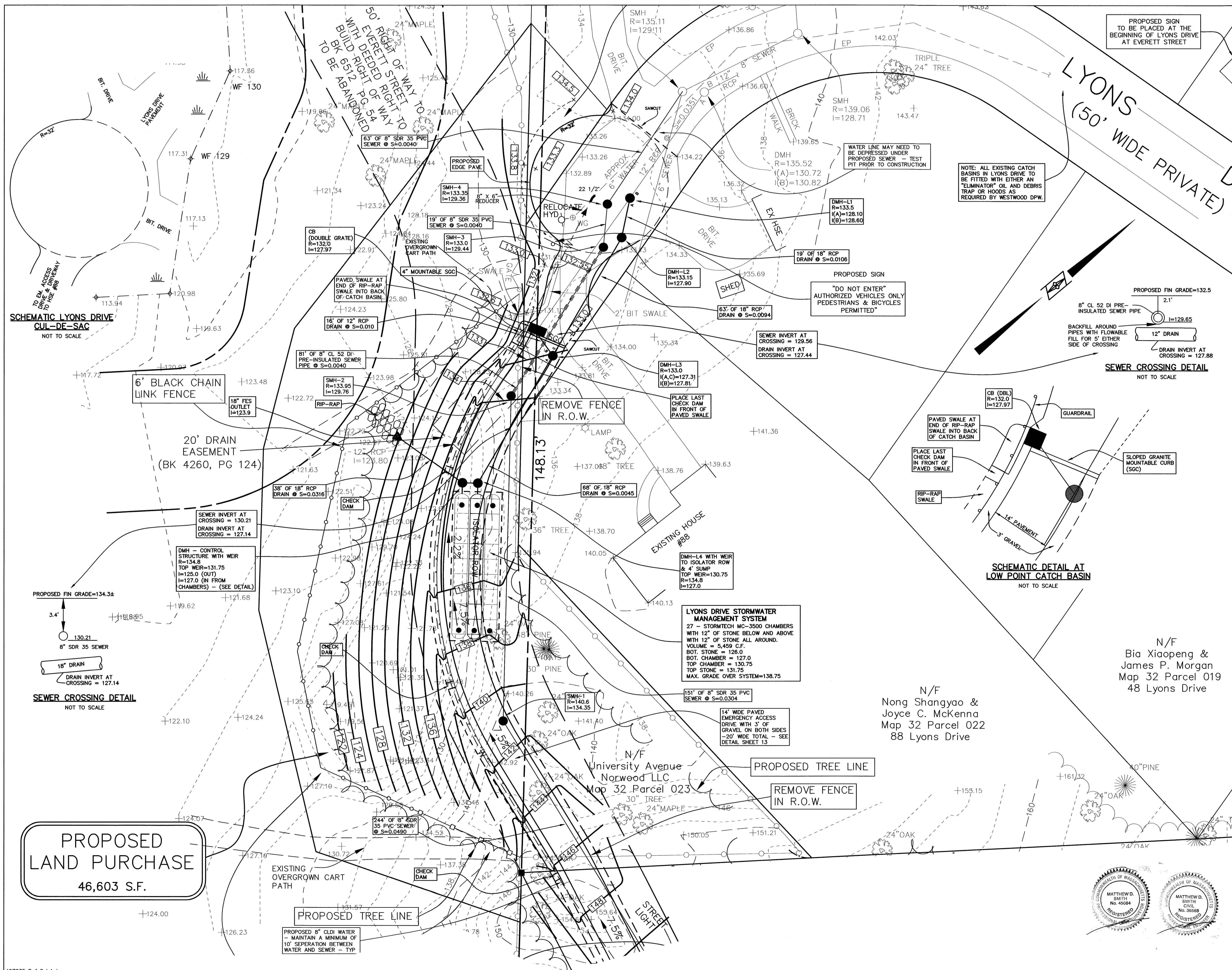
WESTWOOD PLANNING BOARD

I CERTIFY THAT 20 DAYS HAVE ELAPSED SINCE PLANNING BOARD APPROVAL AND THAT NO APPEAL HAS BEEN FILED IN THIS OFFICE.

DATE: 12/18/16
[Signature]
WESTWOOD TOWN CLERK

APPROVED: _____, SUBJECT TO CONDITIONS SET FORTH IN A COVENANT EXECUTED BY _____, AND TO BE RECORDED HERewith.





SCHEMATIC LYONS DRIVE CUL-DE-SAC
NOT TO SCALE

6" BLACK CHAIN LINK FENCE

20' DRAIN EASEMENT
(BK 4260, PG 124)

SEWER CROSSING DETAIL
NOT TO SCALE

PROPOSED LAND PURCHASE
46,603 S.F.

PROPOSED TREE LINE

LYONS DRIVE STORMWATER MANAGEMENT SYSTEM
27 - STORMTECH MC-3500 CHAMBERS WITH 12" OF STONE BELOW AND ABOVE WITH 12" OF STONE ALL AROUND. VOLUME = 5,459 C.F. BOT. STONE = 126.0 BOT. CHAMBER = 127.0 TOP CHAMBER = 130.75 TOP STONE = 131.75 MAX. GRADE OVER SYSTEM=138.75

SCHEMATIC DETAIL AT LOW POINT CATCH BASIN
NOT TO SCALE

SEWER CROSSING DETAIL
NOT TO SCALE

N/F
Bia Xiaopeng & James P. Morgan
Map 32 Parcel 019
48 Lyons Drive

N/F
Nong Shangyao & Joyce C. McKenna
Map 32 Parcel 022
88 Lyons Drive

N/F
University Avenue
Norwood LLC
Map 32 Parcel 023

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

DATE: 12/12/16

REGISTERED LAND SURVEYOR

DATE SUBMITTED: 1/10/2017
DATE APPROVED: 1/10/2017
[Signatures]

WESTWOOD PLANNING BOARD

I CERTIFY THAT 20 DAYS HAVE ELAPSED SINCE PLANNING BOARD APPROVAL AND THAT NO APPEAL HAS BEEN FILED IN THIS OFFICE.
DATE: 12/30/16
[Signature]
WESTWOOD TOWN CLERK

APPROVED: _____ SUBJECT TO CONDITIONS SET FORTH IN A COVENANT EXECUTED BY _____, AND TO BE RECORDED HEREWITH.

APPLICANT
CANTON STREET REALTY TRUST
DAVID SPIEGEL, TRUSTEE
P.O. BOX 890
NORWOOD, MA 02062

ASSESSORS INFORMATION
MAP 32 PARCEL 197
MAP 32 PARCEL 009

ZONING CLASSIFICATION
SINGLE RESIDENCE C (SRC)

OWNERS
MAP 32 PARCEL 197
DOROTHY A. & JOHN W. POWERS III
9 HEDGEROW LANE
WESTWOOD, MA 02090
DEED BK 19637 PG 113

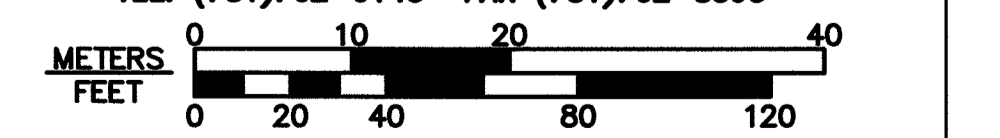
MAP 32 PARCEL 009
LEONA M. LANDON NOMINEE TRUST
LEONA M. LANDON TRUSTEE
443 CANTON STREET
WESTWOOD, MA 02090
DEED BK 14233 PG 465

"WESTWOOD ESTATES" DEFINITIVE SUBDIVISION GRADING & UTILITIES WESTWOOD, MASSACHUSETTS

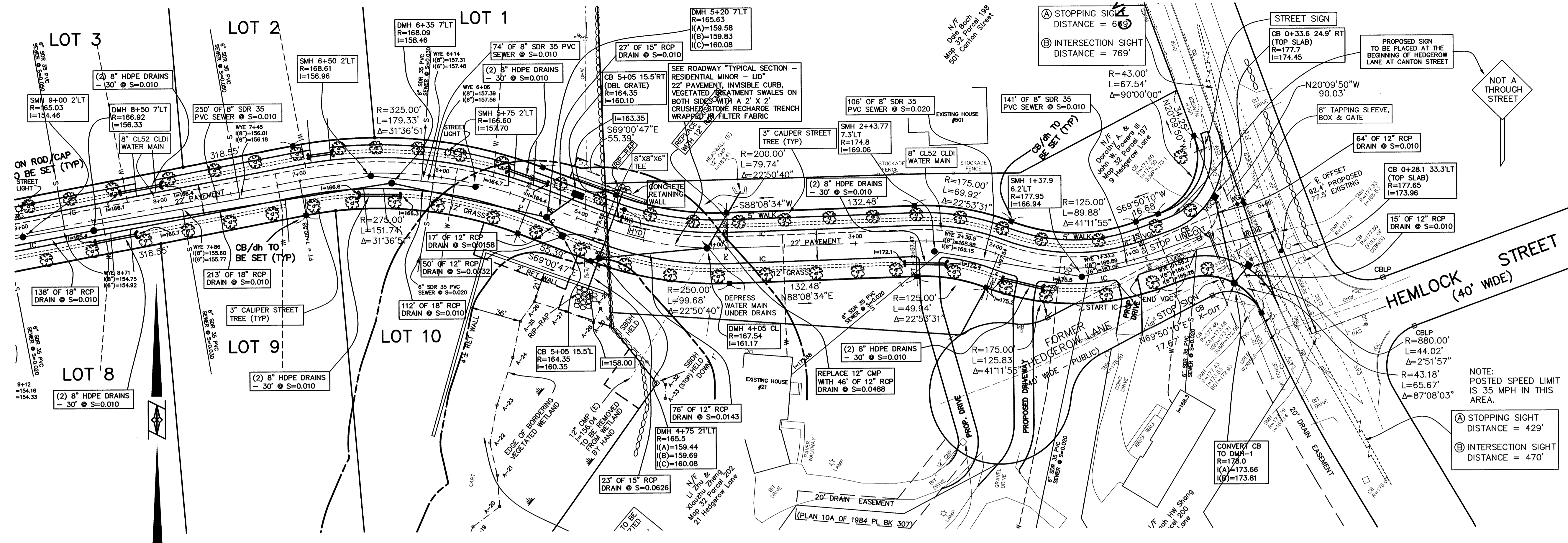
SCALE: 1" = 20' FEBRUARY 10, 2016

Norwood Engineering

Norwood Engineering Company, Inc.
Consulting Engineers, Land Surveyors
1410 ROUTE ONE, NORWOOD, MA 02062
TEL (781)762-0143 FAX (781)762-8595



DATE	REVISIONS
3-11-16	PLANNING STAFF/FIRE CHIEF COMMENTS
4-12-16	TOWN ENGINEER & PSC COMMENTS
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I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

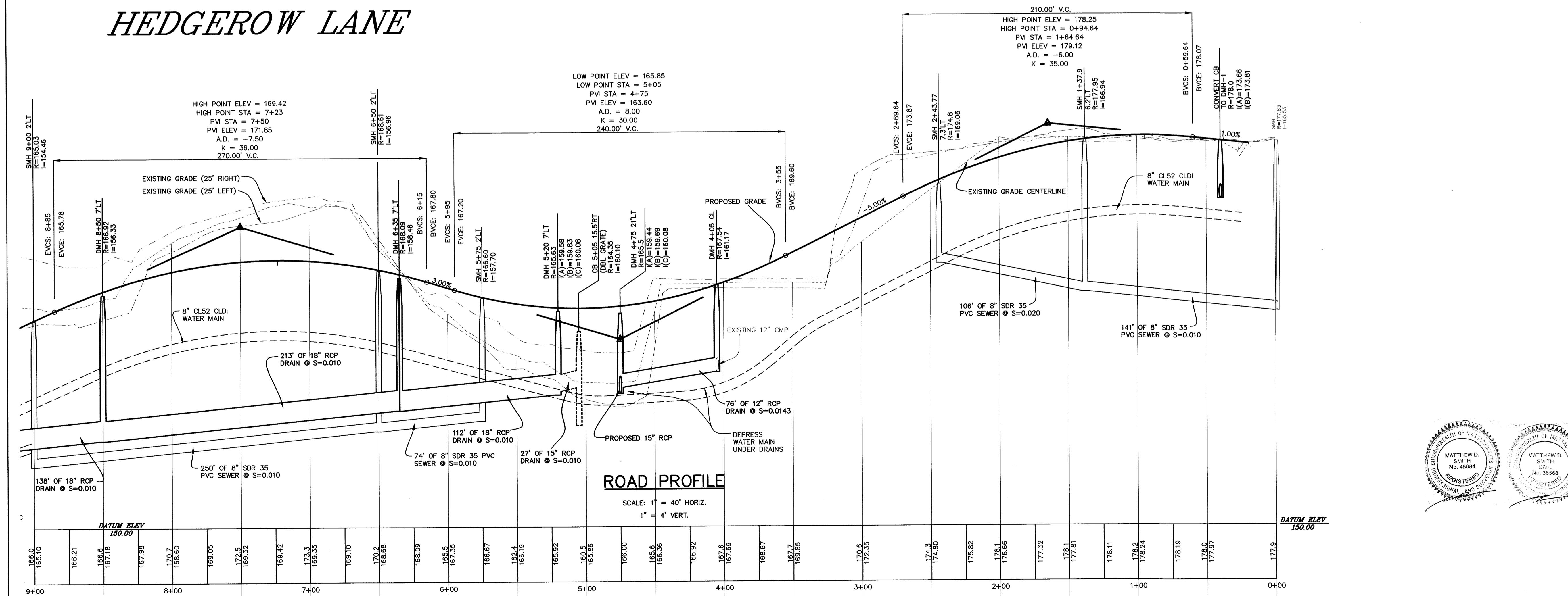
DATE: 12/12/16
REGISTERED LAND SURVEYOR

DATE SUBMITTED: 1/10/2017
DATE APPROVED: 1/10/2017
APPROVED: [Signature]
REGISTERED LAND SURVEYOR

WESTWOOD PLANNING BOARD
I CERTIFY THAT 20 DAYS HAVE ELAPSED SINCE PLANNING BOARD APPROVAL AND THAT NO APPEAL HAS BEEN FILED IN THIS OFFICE.
DATE 12/16/16
WESTWOOD TOWN CLERK

APPROVED: _____ SUBJECT TO CONDITIONS SET FORTH IN A COVENANT EXECUTED BY _____ DATED _____ AND TO BE RECORDED HEREWITH.

HEDGEROW LANE



APPLICANT
CANTON STREET REALTY TRUST
DAVID SPIEGEL, TRUSTEE
P.O. BOX 890
NORWOOD, MA 02062

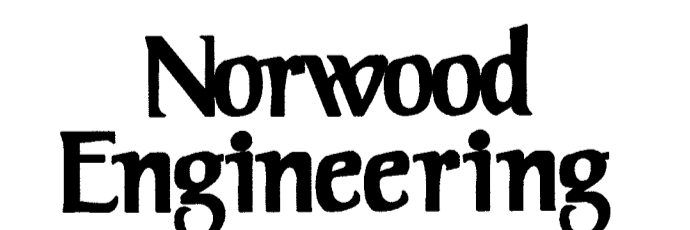
ASSESSORS INFORMATION
MAP 32 PARCEL 197
MAP 32 PARCEL 009
ZONING CLASSIFICATION
SINGLE RESIDENCE C (SRC)

OWNERS
MAP 32 PARCEL 197
DOROTHY A. & JOHN W. POWERS III
9 HEDGEROW LANE
WESTWOOD, MA 02090
DEED BK 19637 PG 113

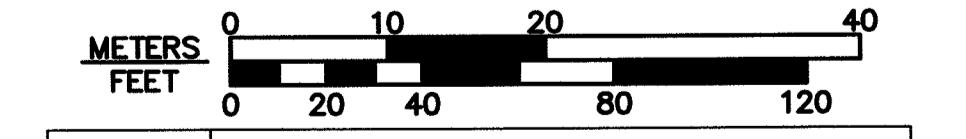
MAP 32 PARCEL 009
LEONA M. LANDON NOMINEE TRUST
LEONA M. LANDON TRUSTEE
443 CANTON STREET
WESTWOOD, MA 02090
DEED BK 14233 PG 485

"WESTWOOD ESTATES" DEFINITIVE SUBDIVISION PLAN & PROFILE WESTWOOD, MASSACHUSETTS

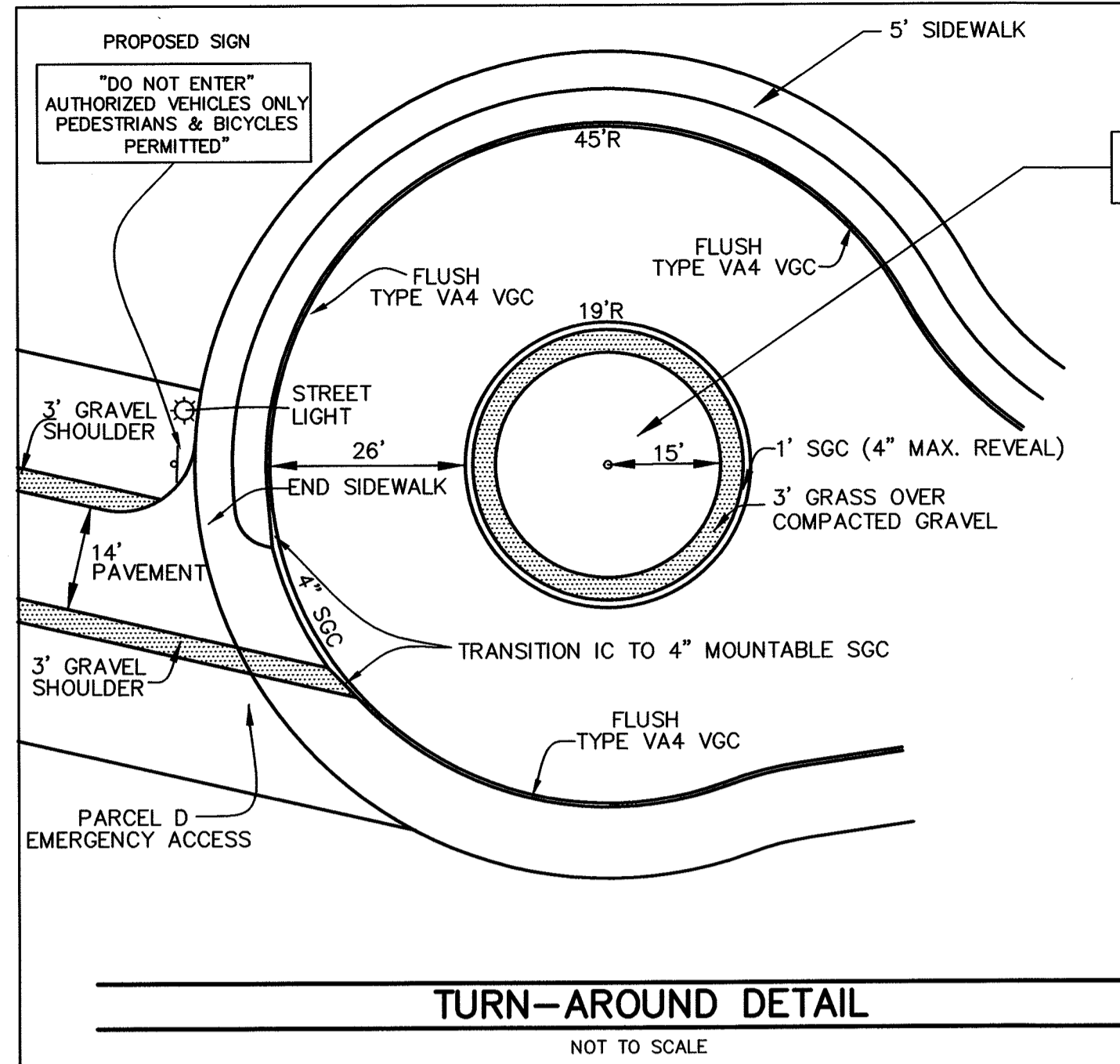
SCALE: 1" = 40' FEBRUARY 10, 2016



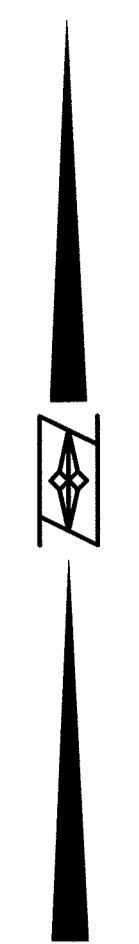
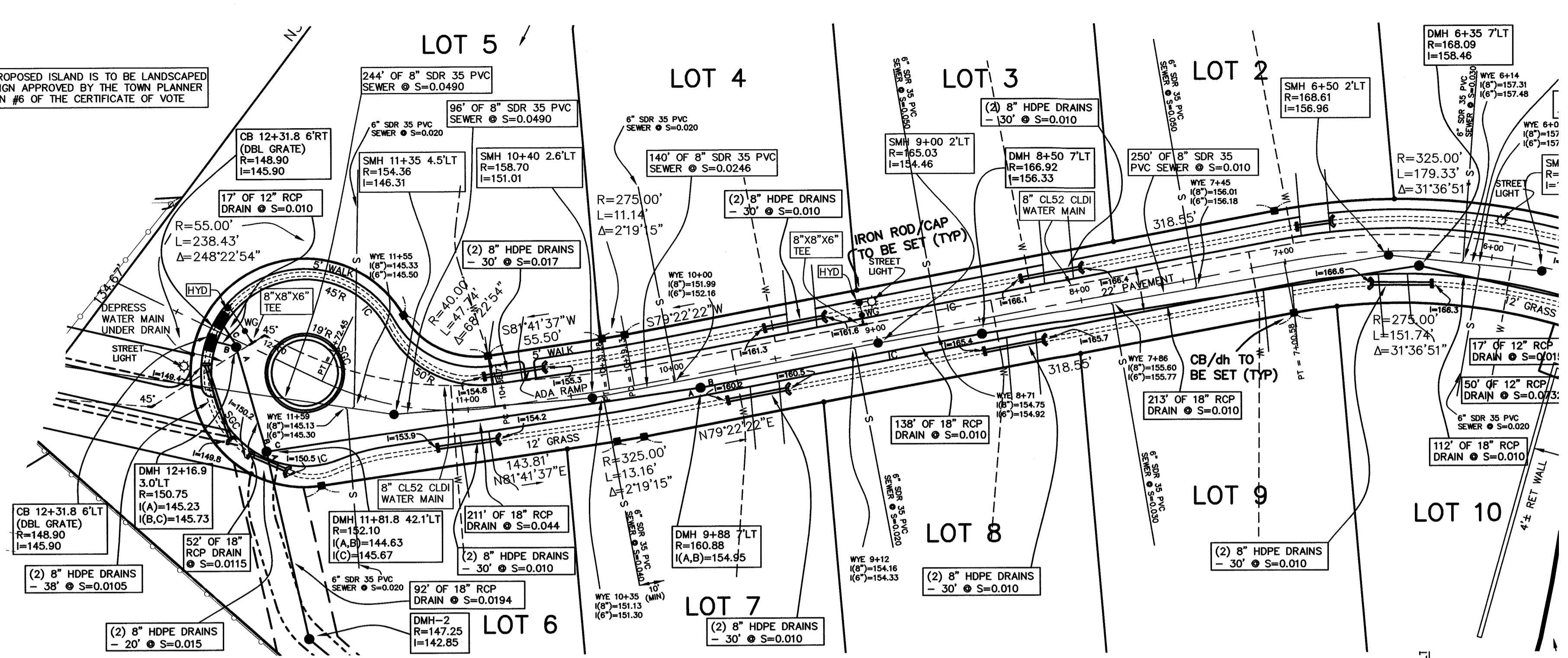
Norwood Engineering Company, Inc.
Consulting Engineers, Land Surveyors
1410 ROUTE ONE, NORWOOD, MA 02062
TEL (781)762-0143 FAX (781)762-8595



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12-12-16	PER PLANNING BOARD 11-1-16 APPROVAL



NOTE: THE PROPOSED ISLAND IS TO BE LANDSCAPED AND THE DESIGN APPROVED BY THE TOWN PLANNER PER CONDITION #6 OF THE CERTIFICATE OF VOTE



I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

DATE: 12/2/16

REGISTERED LAND SURVEYOR

DATE SUBMITTED: 11/10/17
 DATE APPROVED: 11/10/17
 WESTWOOD PLANNING BOARD

I CERTIFY THAT 20 DAYS HAVE ELAPSED SINCE PLANNING BOARD APPROVAL AND THAT NO APPEAL HAS BEEN FILED IN THIS OFFICE.
 DATE 12/10/16
 WESTWOOD TOWN CLERK

APPROVED: _____, SUBJECT TO CONDITIONS SET FORTH IN A COVENANT EXECUTED BY _____, DATED _____, AND TO BE RECORDED HEREWITH.

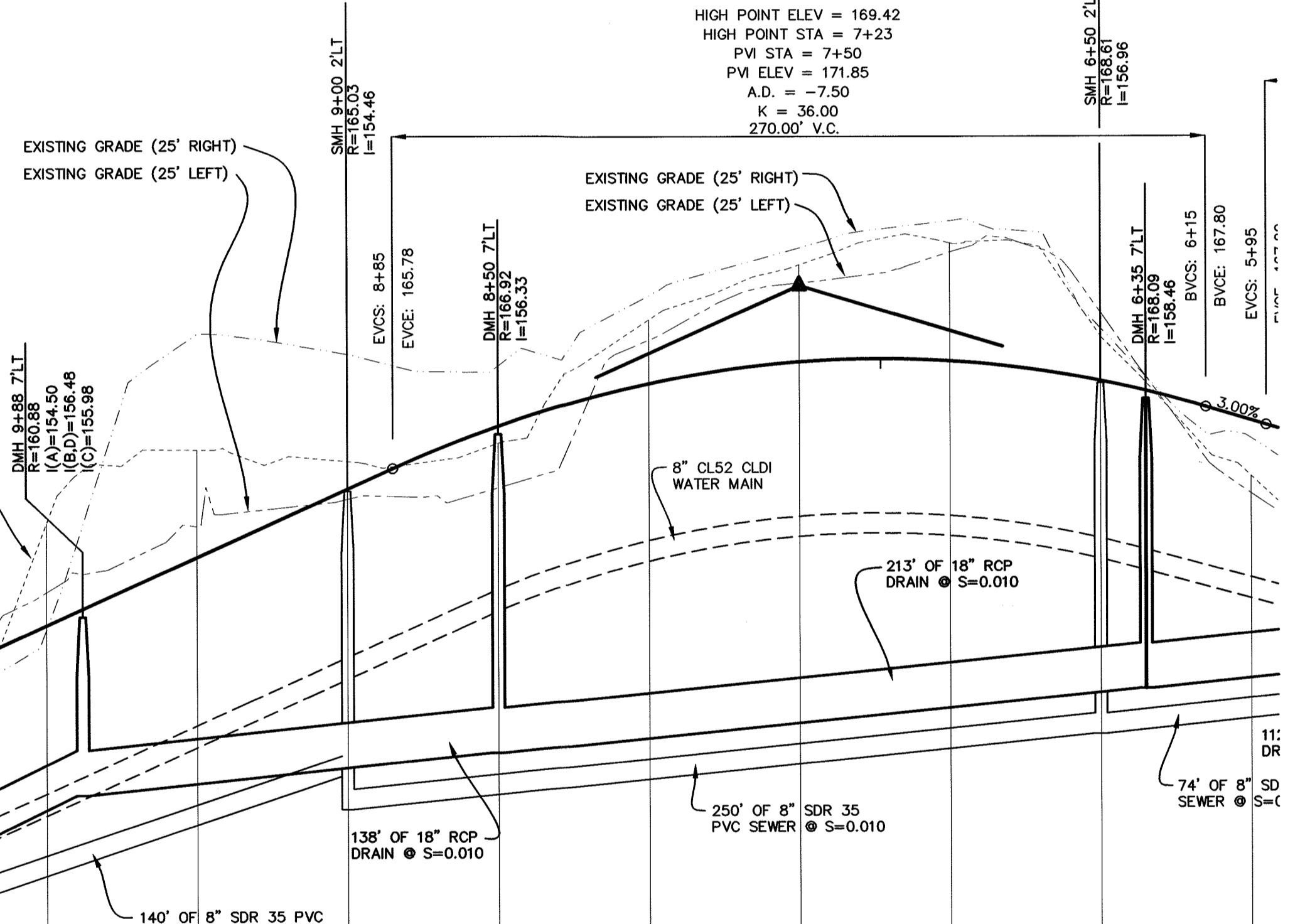
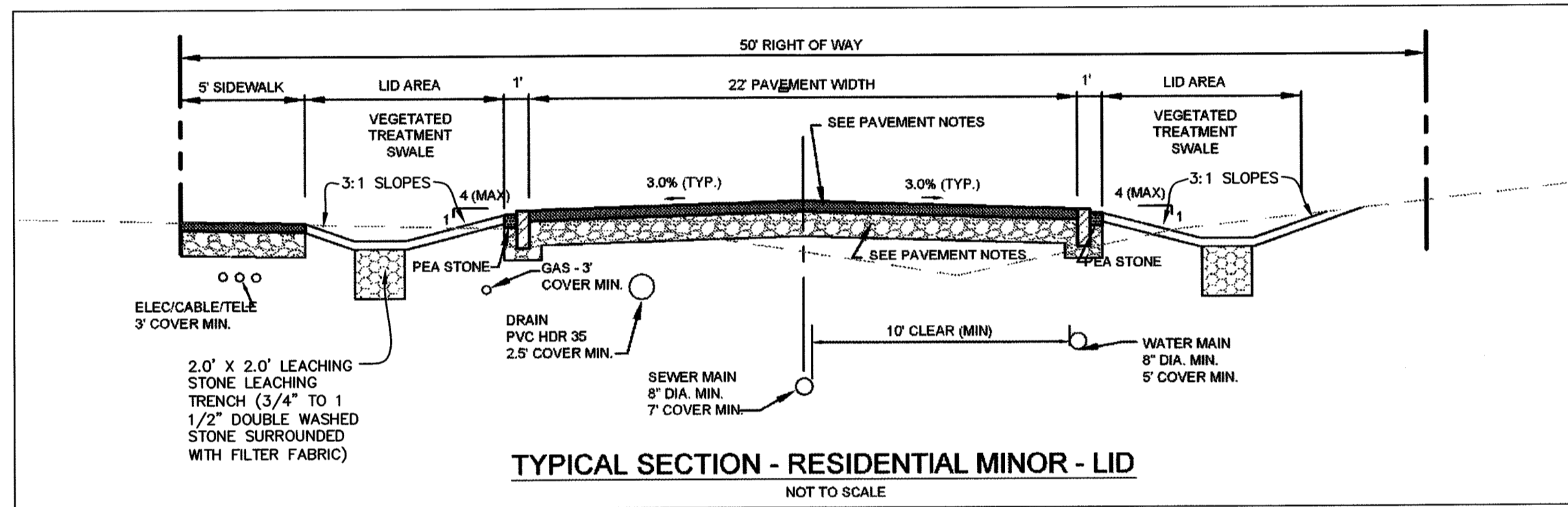
APPLICANT: CANTON STREET REALTY TRUST
 DAVID SPIEGEL, TRUSTEE
 P.O. BOX 890
 NORWOOD, MA 02062

ASSESSORS INFORMATION: MAP 32 PARCEL 197
 MAP 32 PARCEL 009

ZONING CLASSIFICATION: SINGLE RESIDENCE C (SRC)

OWNERS: MAP 32 PARCEL 197
 DOROTHY A. & JOHN W. POWERS III
 9 HEDGEROW LANE
 WESTWOOD, MA 02090
 DEED BK 19637 PG 113

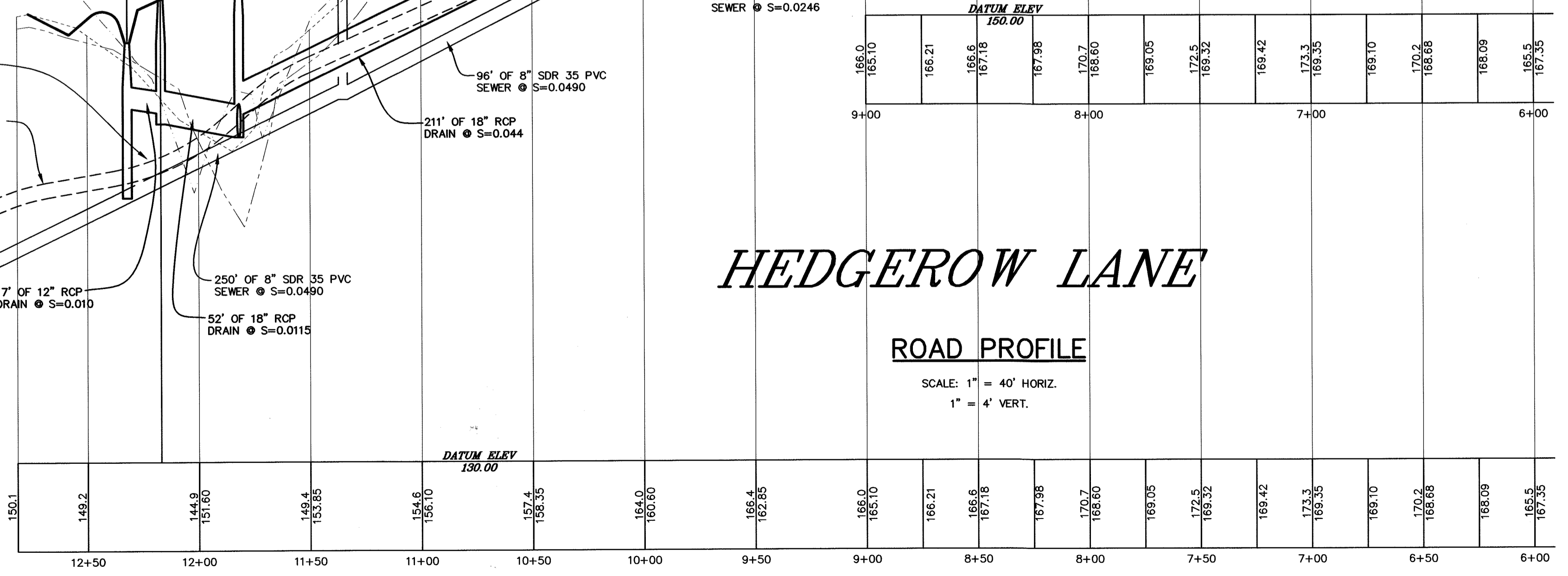
MAP 32 PARCEL 009
 LEONA M. LANDON NOMINEE TRUST
 LEONA M. LANDON TRUSTEE
 443 CANTON STREET
 WESTWOOD, MA 02090
 DEED BK 14233 PG 485



HEDGEROW LANE

ROAD PROFILE

SCALE: 1" = 40' HORIZ.
 1" = 4' VERT.

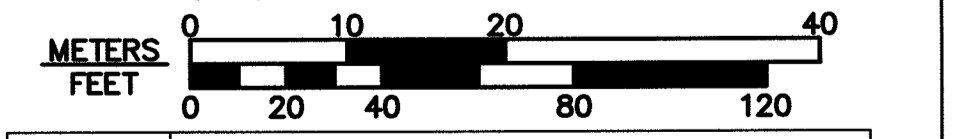


"WESTWOOD ESTATES" DEFINITIVE SUBDIVISION PLAN & PROFILE WESTWOOD, MASSACHUSETTS

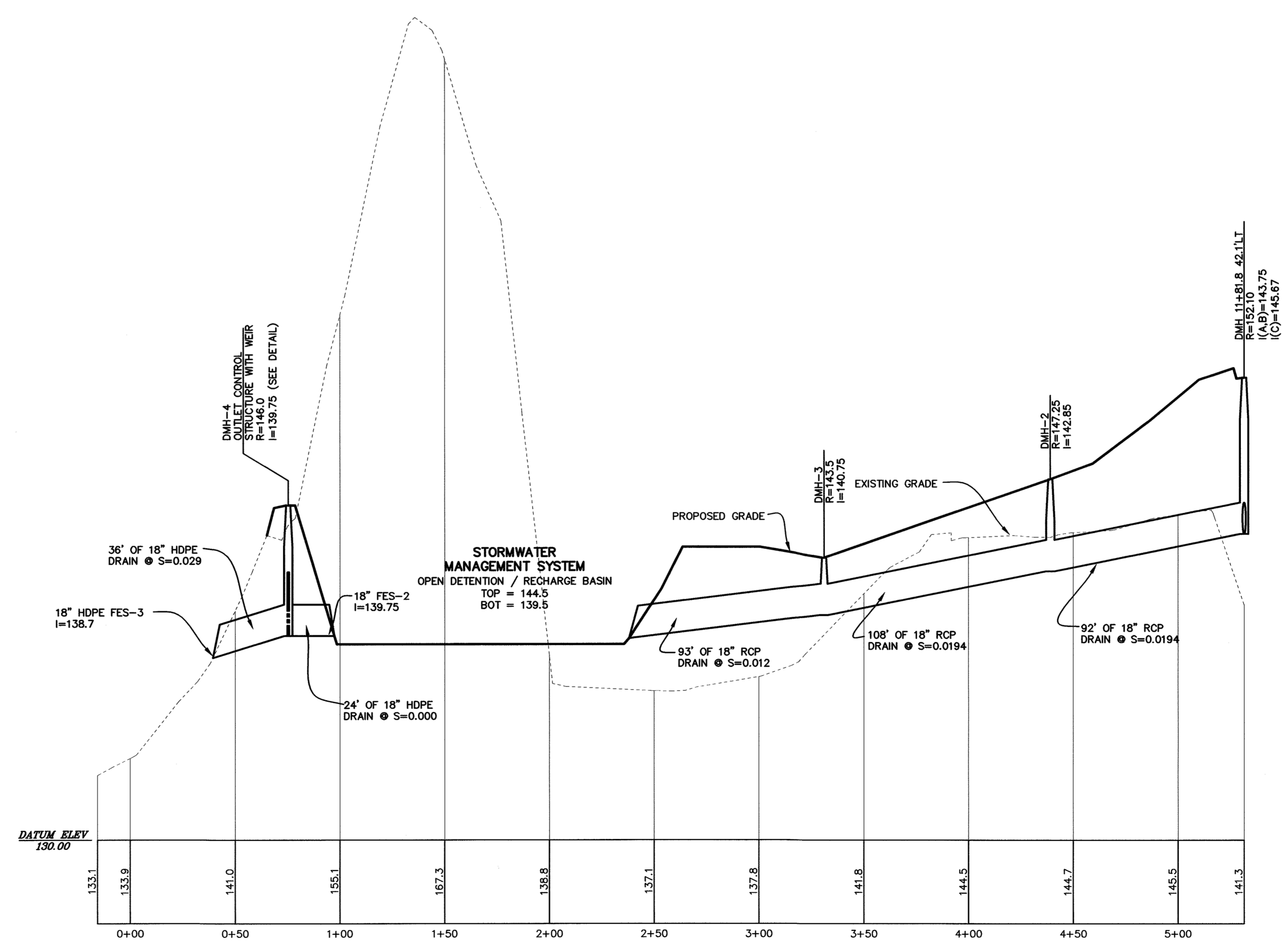
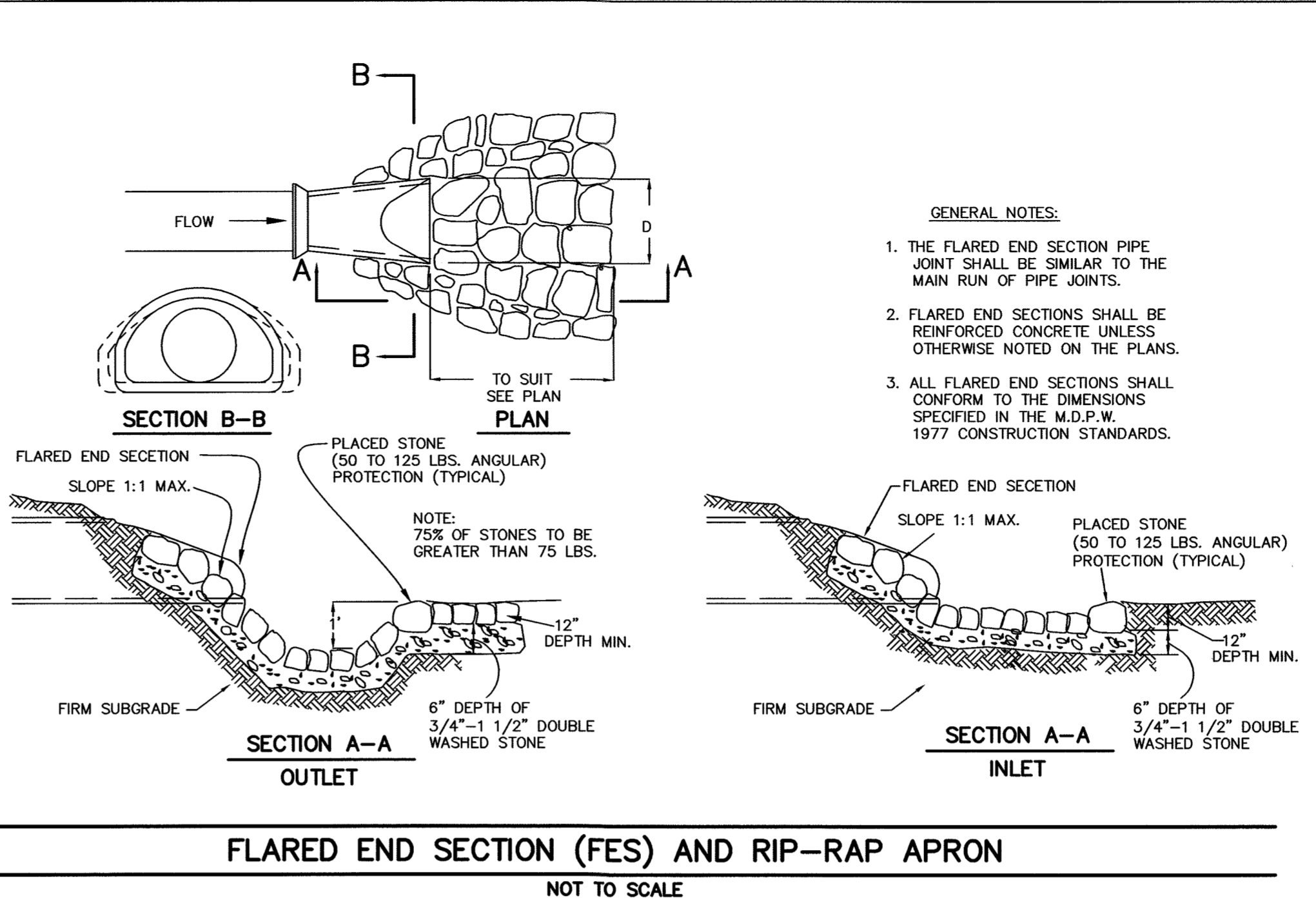
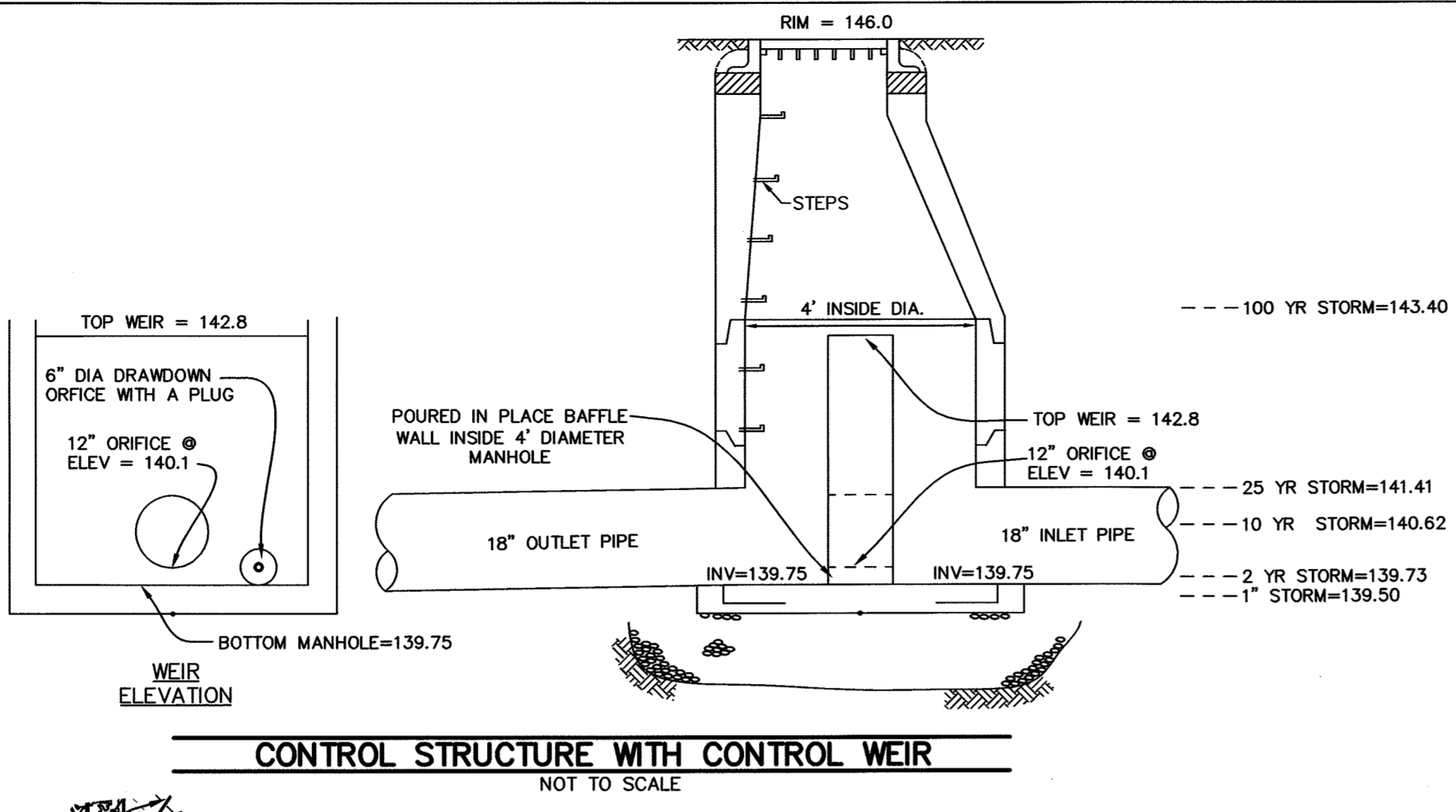
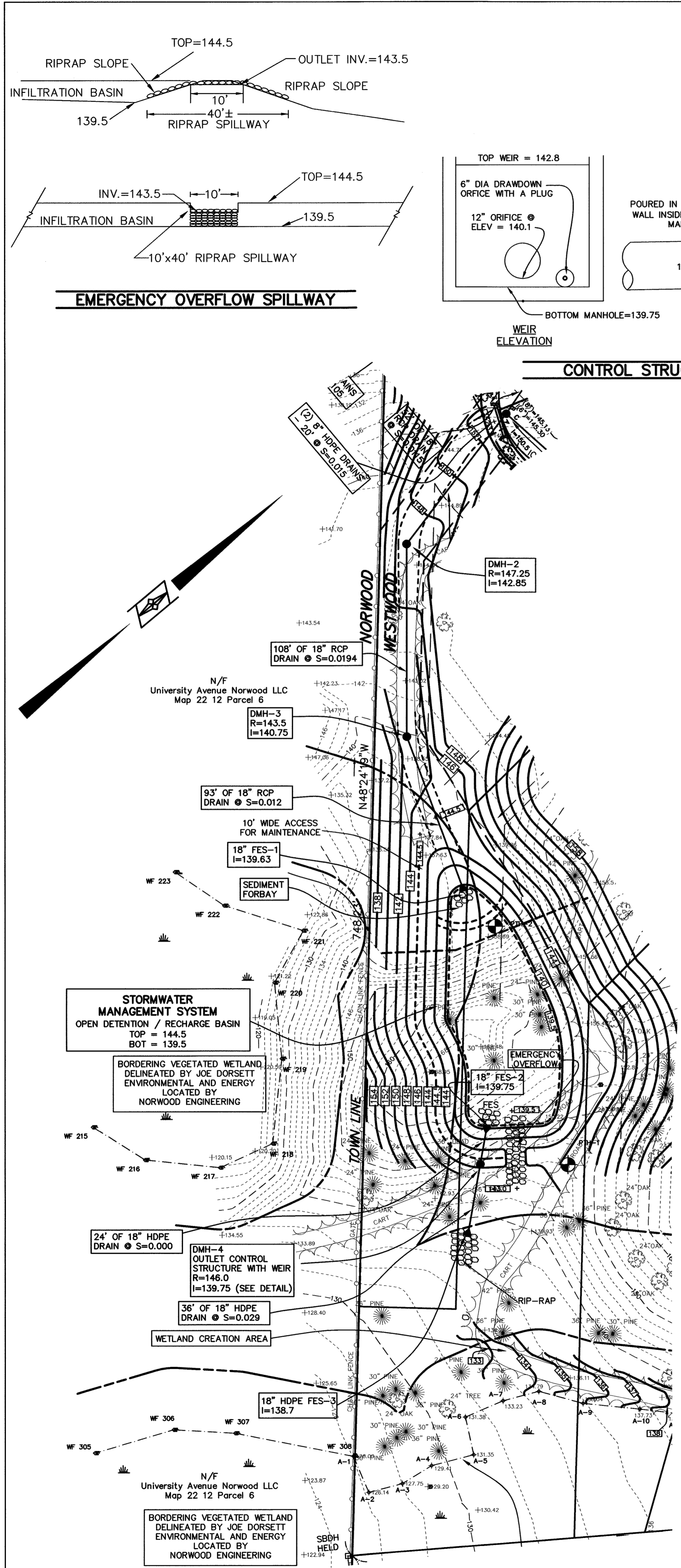
SCALE: 1" = 40' FEBRUARY 10, 2016

Norwood Engineering

Norwood Engineering Company, Inc.
 Consulting Engineers, Land Surveyors
 1410 ROUTE ONE, NORWOOD, MA 02062
 TEL (781)762-0143 FAX (781)762-8595



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I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.
 DATE: 12/12/16
 REGISTERED LAND SURVEYOR

DATE SUBMITTED: 1/10/2017
 DATE APPROVED: [Signature]
 WESTWOOD PLANNING BOARD

I CERTIFY THAT 20 DAYS HAVE ELAPSED SINCE PLANNING BOARD APPROVAL AND THAT NO APPEAL HAS BEEN FILED IN THIS OFFICE.
 DATE 12/20/16
 WESTWOOD TOWN CLERK

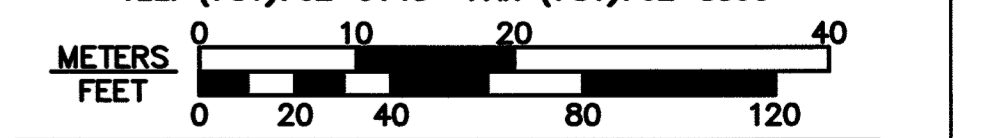
APPLICANT: CANTON STREET REALTY TRUST
 ASSESSORS INFORMATION: MAP 32 PARCEL 197
 OWNERS: MAP 32 PARCEL 009
 APPROVED: [Signature] SUBJECT TO CONDITIONS SET FORTH IN A COVENANT EXECUTED BY [Signature], AND TO BE RECORDED HERewith.

**"WESTWOOD ESTATES"
 DEFINITIVE SUBDIVISION
 PROFILES & DETAILS
 WESTWOOD, MASSACHUSETTS**

SCALE: 1" = 40' FEBRUARY 10, 2016

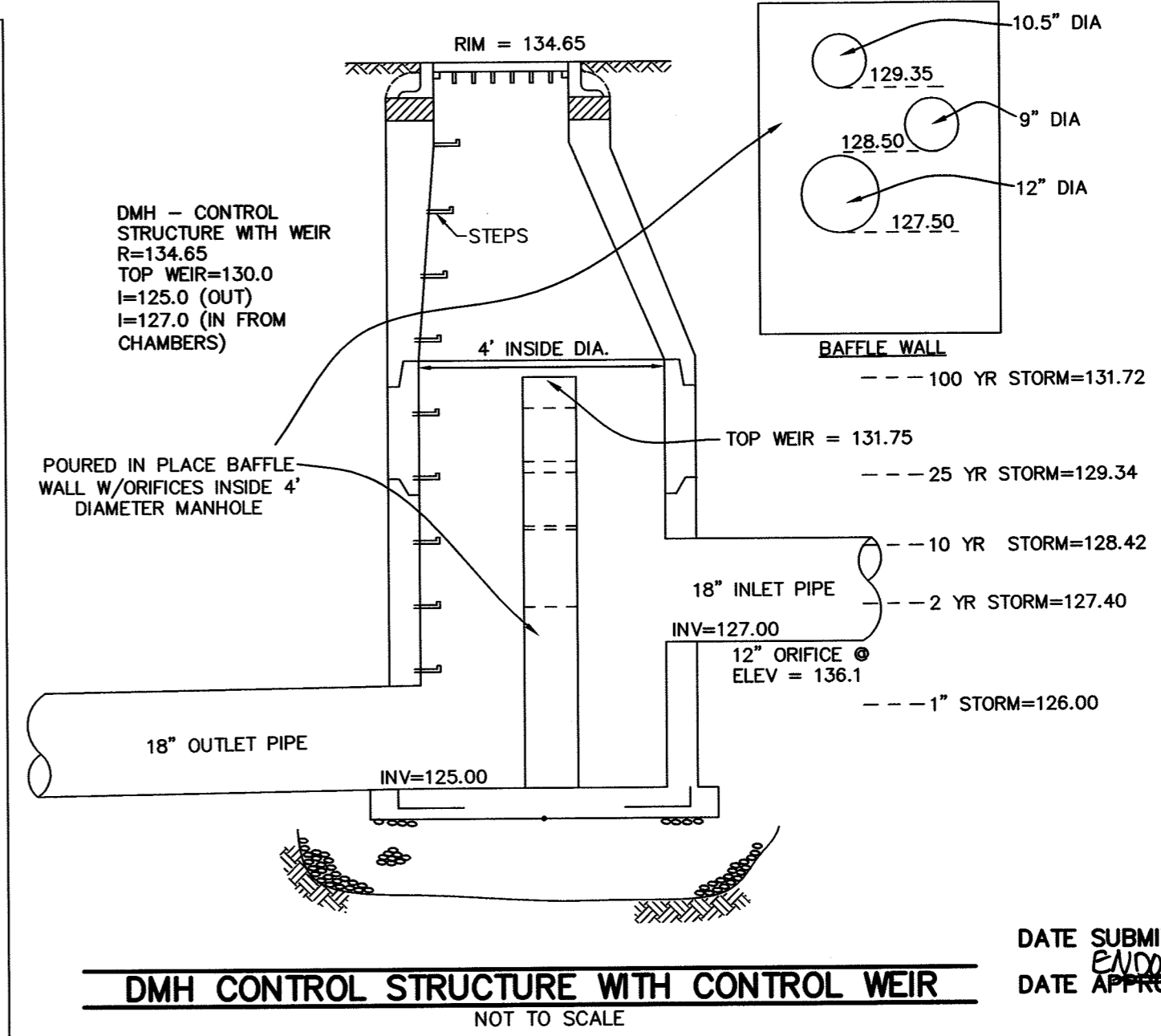
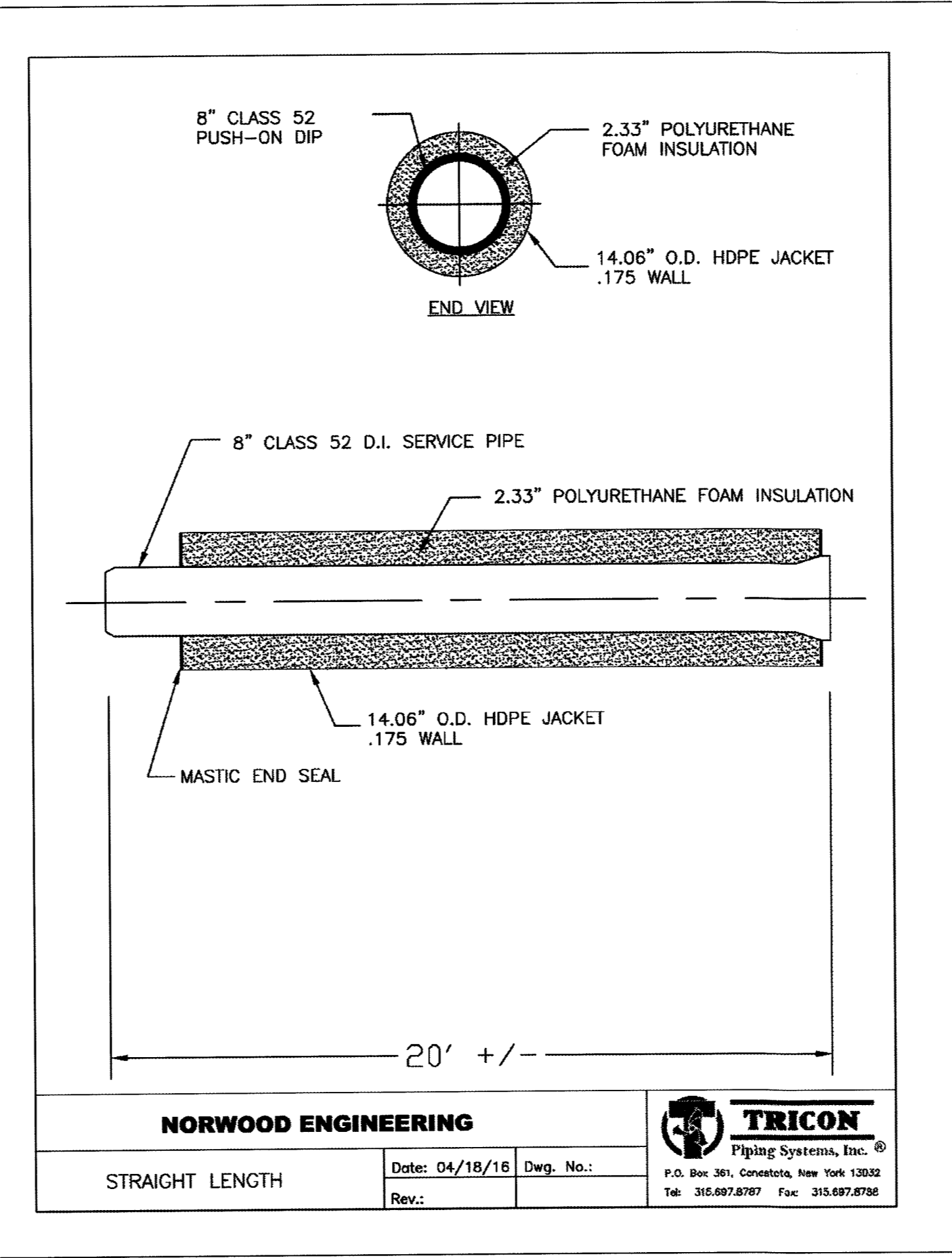
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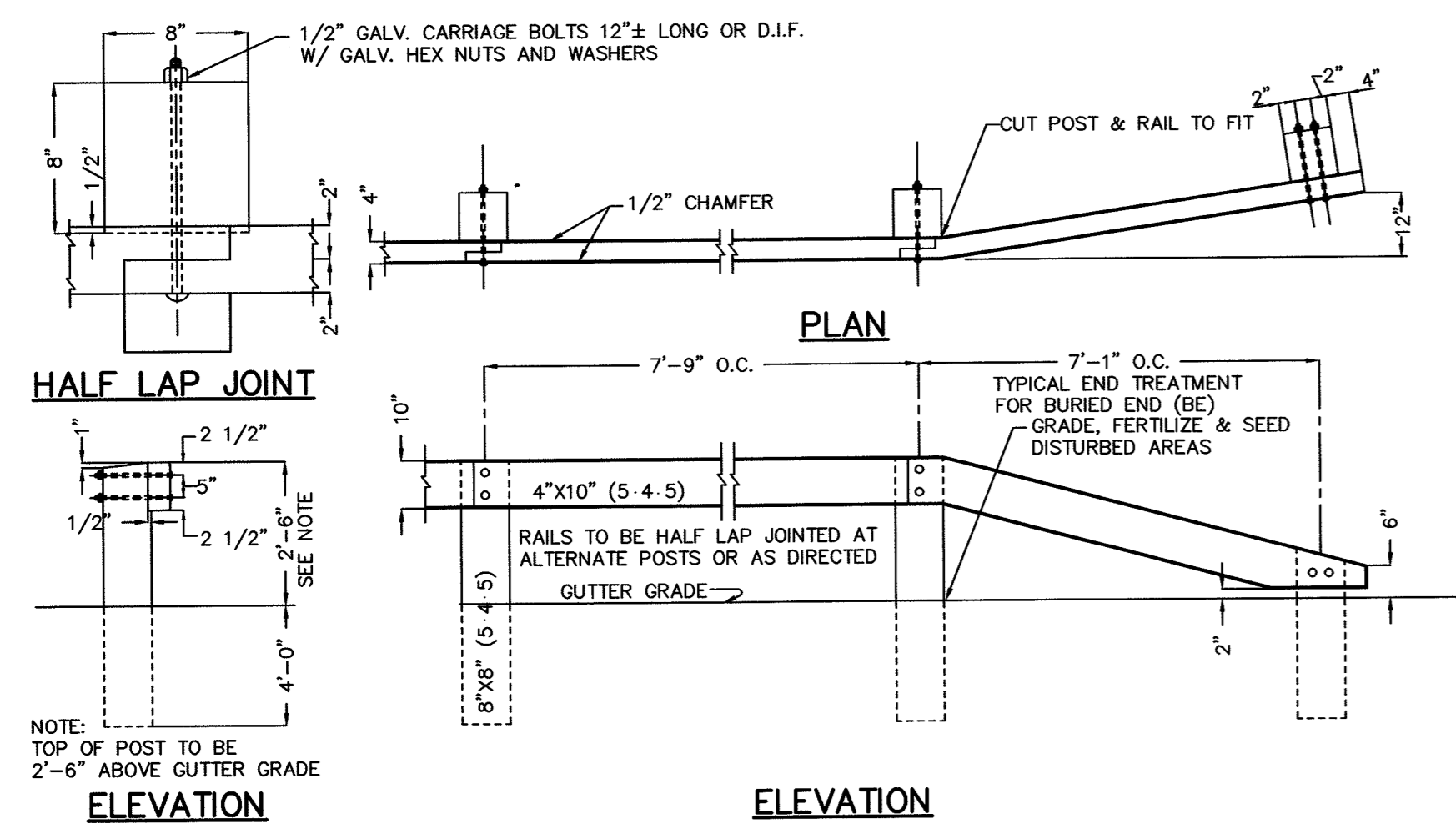


DATE	REVISIONS
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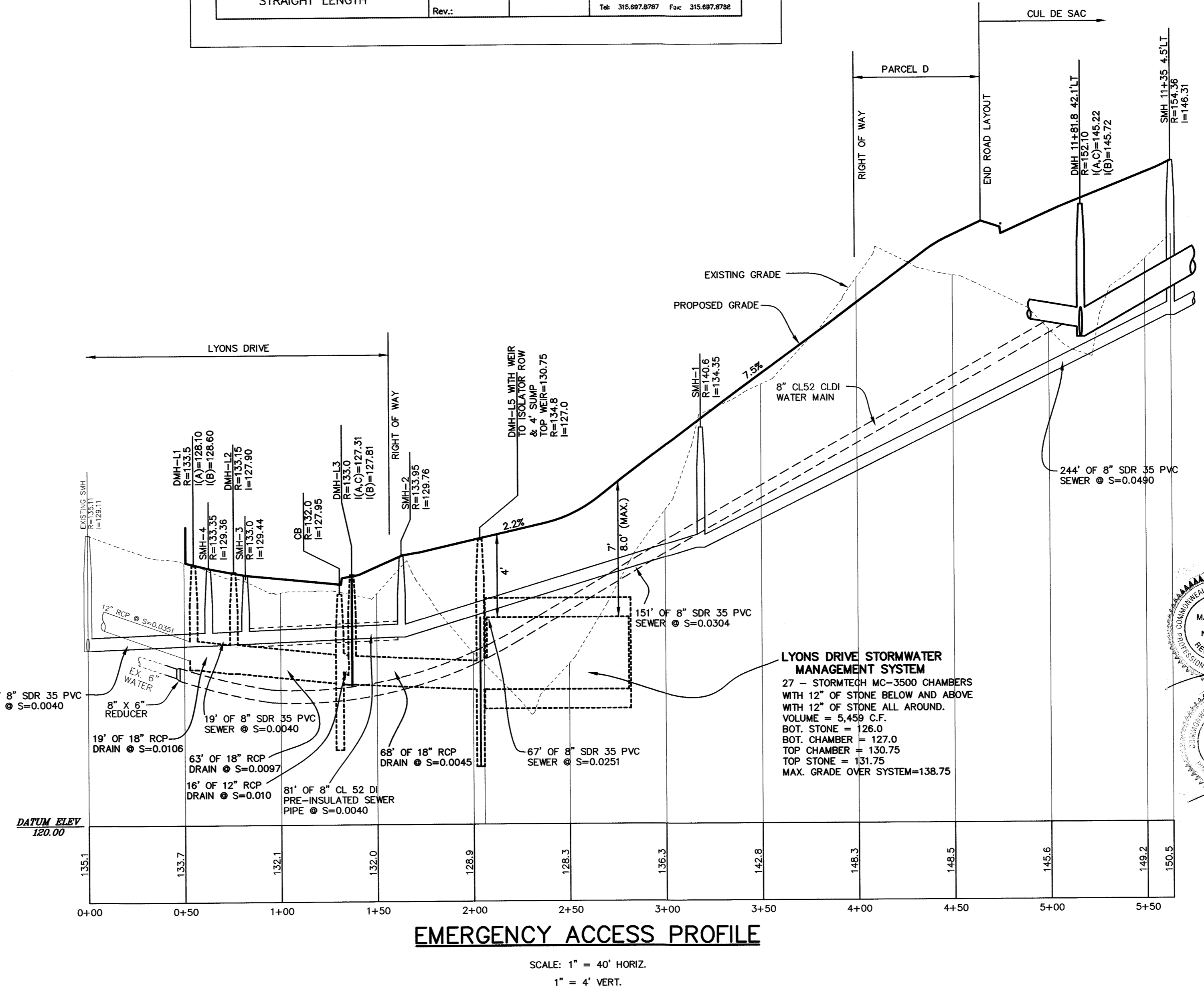
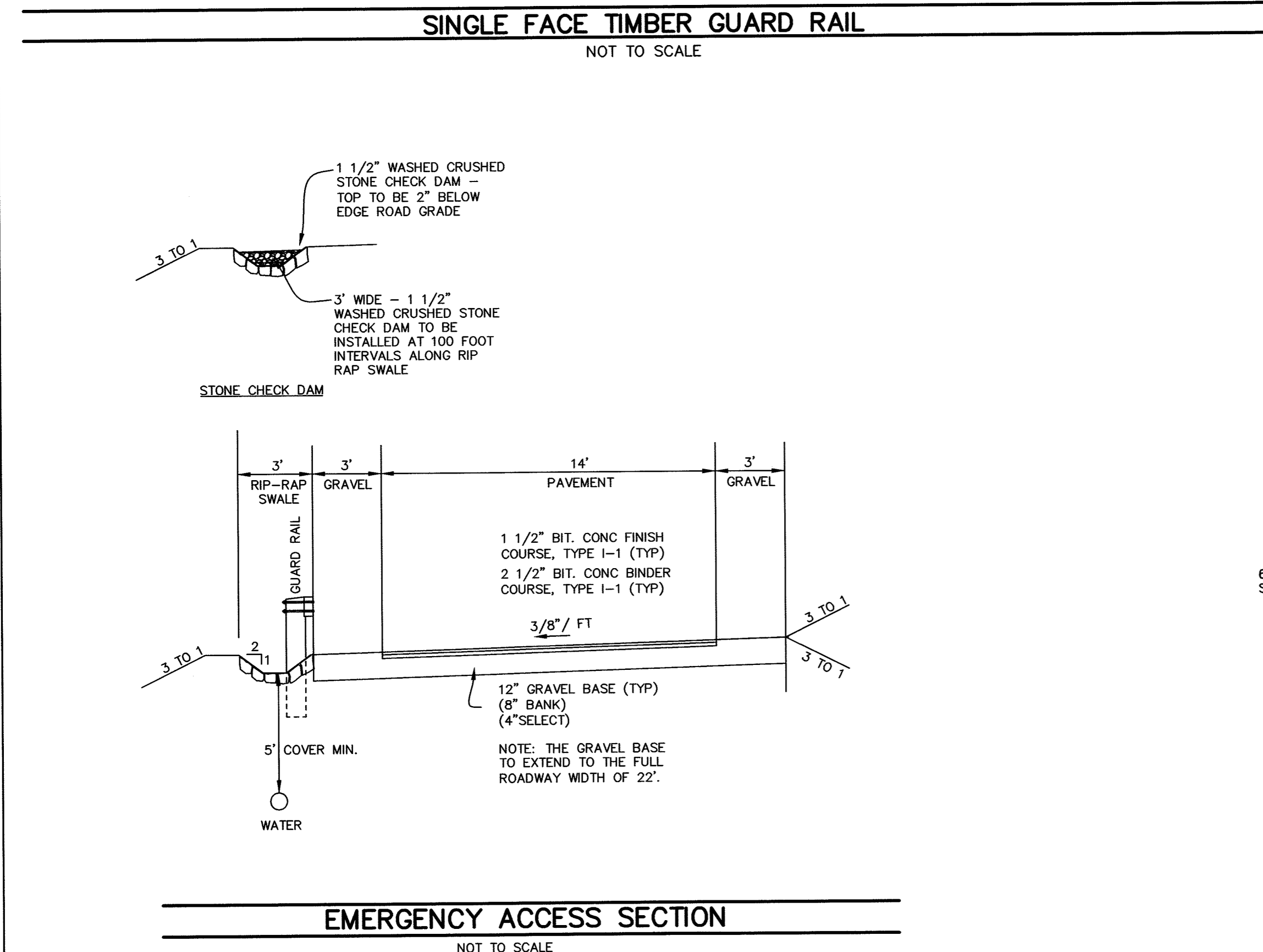
EXISTING		PROPOSED		EXISTING		PROPOSED		EXISTING		PROPOSED	
---	---	---	---	---	---	---	---	---	---	---	---
55	55	CONTOUR ELEVATION	CONTOUR ELEVATION	☆	☆	LIGHT POLE (LP)	LIGHT POLE (LP)	---	---	---	---
+	+	SPOT GRADE	SPOT GRADE	☆	☆	FLARED END SECTION (FES)	FLARED END SECTION (FES)	---	---	---	---
□	□	SINGLE GRATE CATCH BASIN (CB)	SINGLE GRATE CATCH BASIN (CB)	---	---	DRAIN LINE	DRAIN LINE	---	---	---	---
□	□	DOUBLE GRATE CATCH BASIN (CB-DBL)	DOUBLE GRATE CATCH BASIN (CB-DBL)	---	---	ROOF DRAIN	ROOF DRAIN	---	---	---	---
○	○	DRAIN MANHOLE (DMH)	DRAIN MANHOLE (DMH)	---	---	UNDERDRAIN	UNDERDRAIN	---	---	---	---
○	○	SEWER MANHOLE (SMH)	SEWER MANHOLE (SMH)	---	---	SEWER LINE	SEWER LINE	---	---	---	---
○	○	TELEPHONE MANHOLE (TMH)	TELEPHONE MANHOLE (TMH)	---	---	WATER LINE	WATER LINE	---	---	---	---
○	○	ELECTRIC MANHOLE (EMH)	ELECTRIC MANHOLE (EMH)	---	---	GAS LINE	GAS LINE	---	---	---	---
○	○	HYDRANT (HYD)	HYDRANT (HYD)	---	---	TELEPHONE LINE	TELEPHONE LINE	---	---	---	---
○	○	WATER GATE (WG)	WATER GATE (WG)	---	---	ELECTRIC LINE	ELECTRIC LINE	---	---	---	---
○	○	WATER SERVICE (WS)	WATER SERVICE (WS)	---	---	FIRE ALARM LINE	FIRE ALARM LINE	---	---	---	---
○	○	TAPPING SLEEVE, VALVE & BOX RISER (TS & G)	TAPPING SLEEVE, VALVE & BOX RISER (TS & G)	---	---	UNDERGROUND	UNDERGROUND	---	---	---	---
○	○	UTILITY POLE (UP)	UTILITY POLE (UP)	---	---	OVERHEAD WIRES	OVERHEAD WIRES	---	---	---	---



I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.
 DATE: 12/12/16
 REGISTERED LAND SURVEYOR



- GENERAL NOTES**
- WOOD RAILS TO BE LONGLEAF YELLOW PINE OR DOUGLAS FIR - STRUCTURAL GRADE OR BETTER.
 - POSTS TO BE DOUGLAS FIR OR SPRUCE - STRUCTURAL GRADE OR BETTER.
 - TIMBER PRESERVATIVES SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M-133. THE METHODS OF TREATMENT SHALL CONFORM TO AMER. WOOD PRESERVERS ASSN. STANDARDS C1, C2 & C3. ANY CUTS MADE IN FIELD SHALL BE PAINTED W/ 2 BRUSH COATS OF AFOREMENTIONED METHOD OF TREATMENT.



DATE SUBMITTED: 11/10/2017
 DATE APPROVED: 12/12/16
 WESTWOOD PLANNING BOARD
 I CERTIFY THAT 20 DAYS HAVE ELAPSED SINCE PLANNING BOARD APPROVAL AND THAT NO APPEAL HAS BEEN FILED IN THIS OFFICE.
 DATE: 12/12/16
 WESTWOOD TOWN CLERK

APPROVED: _____, SUBJECT TO CONDITIONS SET FORTH IN A COVENANT EXECUTED BY _____, DATED _____, AND TO BE RECORDED HEREWITH.

APPLICANT: CANTON STREET REALTY TRUST, DAVID SPIEGEL, TRUSTEE, P.O. BOX 890, NORWOOD, MA 02062

ASSESSORS INFORMATION: MAP 32 PARCEL 197, MAP 32 PARCEL 009

ZONING CLASSIFICATION: SINGLE RESIDENCE C (SRC)

OWNERS: MAP 32 PARCEL 009, DOROTHY A. & JOHN W. POWERS III, 9 HEDGECROW LANE, WESTWOOD, MA 02090, DEED BK 19637 PG 113

MAP 32 PARCEL 009, LEONA M. LONDON NOMINEE TRUST, LEONA M. LONDON TRUSTEE, 443 CANTON STREET, WESTWOOD, MA 02090, DEED BK 14233 PG 465

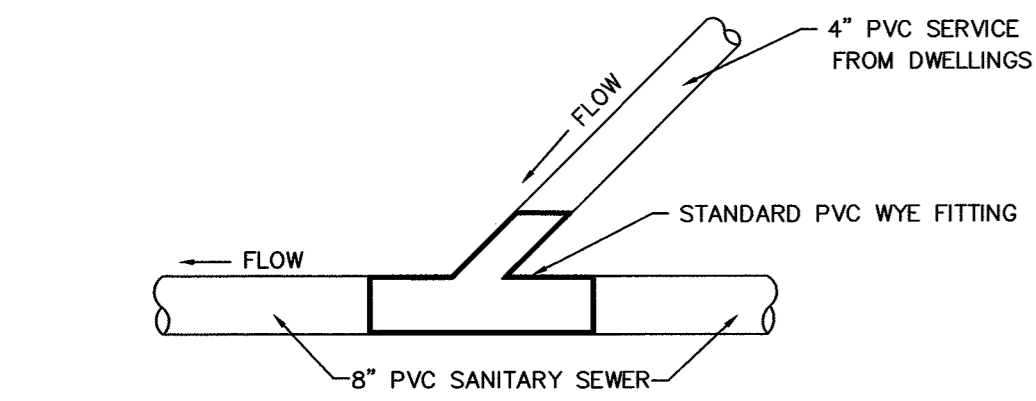
"WESTWOOD ESTATES" DEFINITIVE SUBDIVISION PROFILES & DETAILS WESTWOOD, MASSACHUSETTS

SCALE: 1" = 40' FEBRUARY 10, 2016

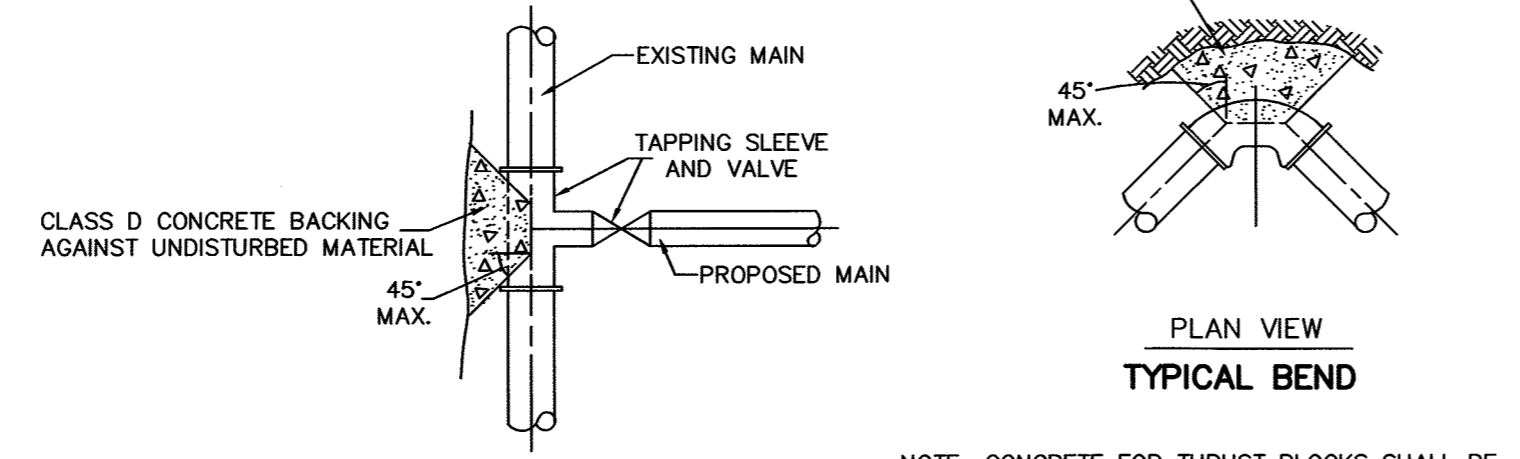
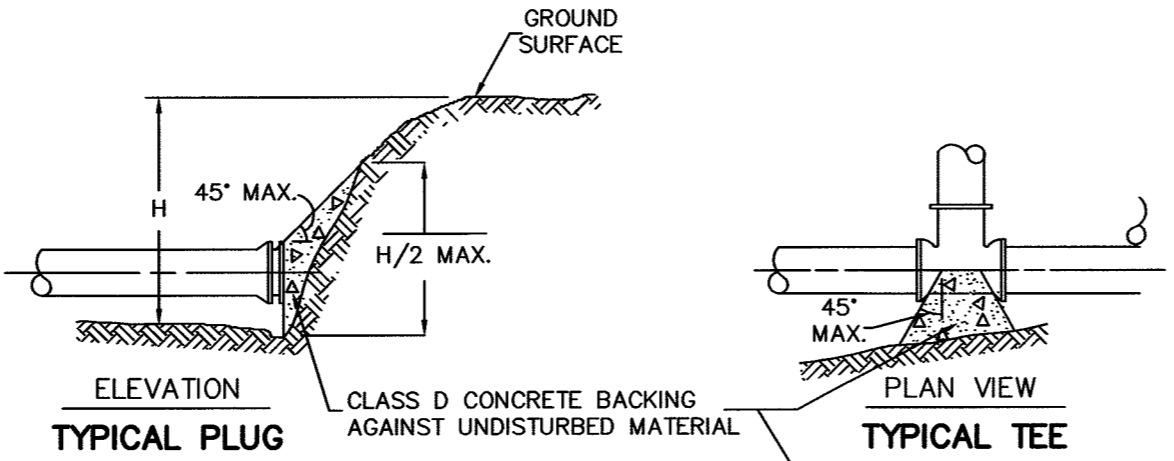
Norwood Engineering

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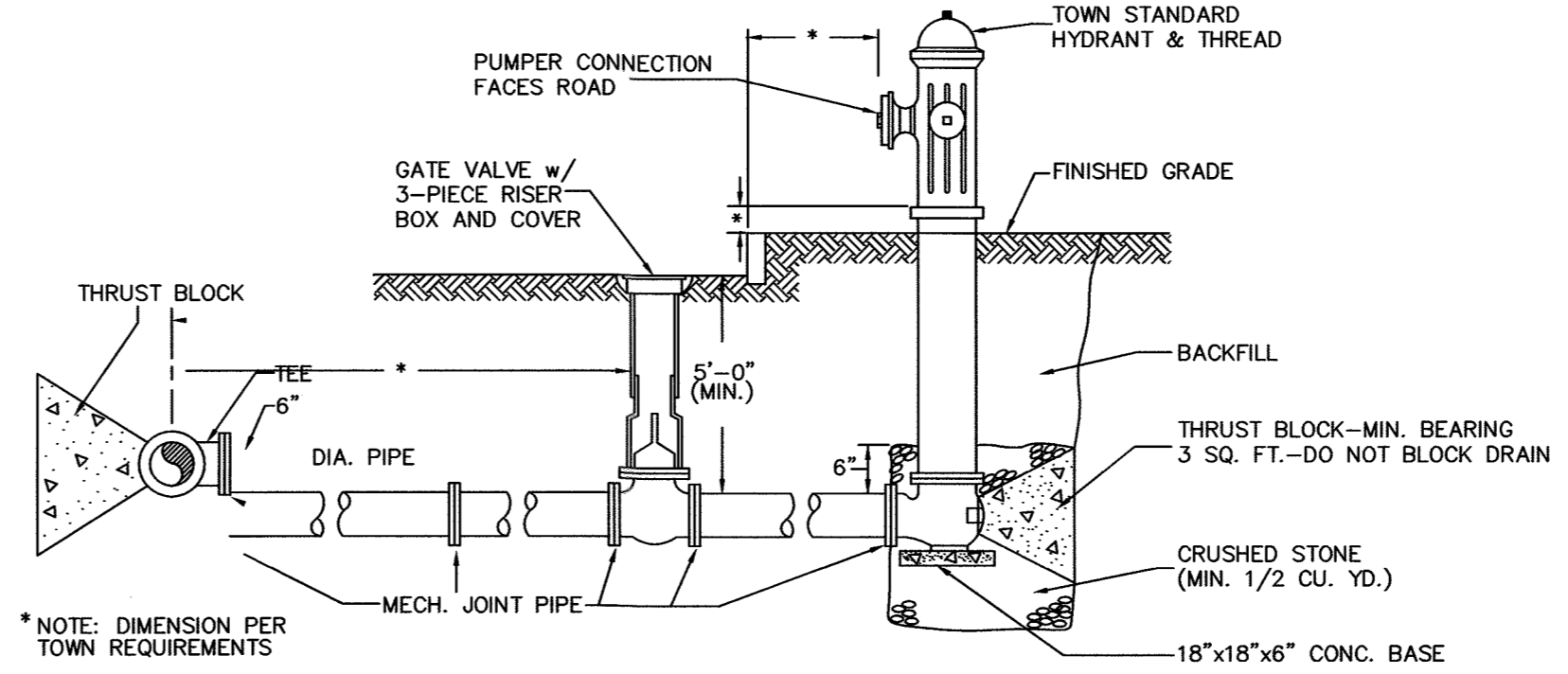
SANITARY SEWER WYE CONNECTION DETAIL
NOT TO SCALE



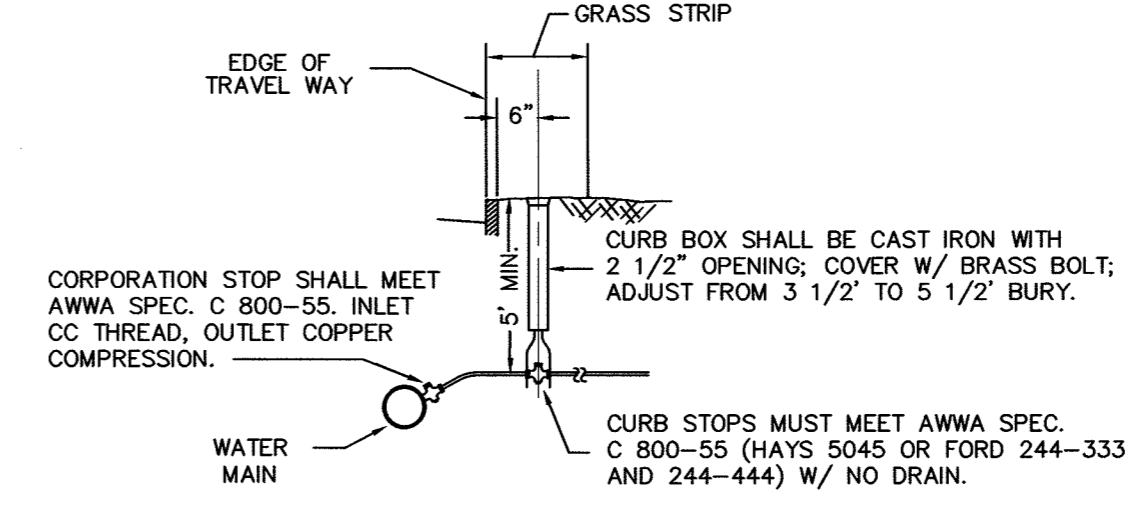
TYPICAL TAPPED CONNECTION
NOTE: CONCRETE FOR THRUST BLOCKS SHALL BE LEANER THAN THE RATIO OF 2-1/2: 5-1/2 AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI (SO THAT FLANGES AND BOLTS ARE ACCESSIBLE.) BEARING AREAS OF THRUST BLOCKS (BEARING AREA IN SQUARE FEET)

PIPE SIZE INCHES	1/4 BEND	1/8 BEND	1/16 BEND	PLUG TEES
6 AND 8	8	8	-	8
10 AND 12	22	13	8	16

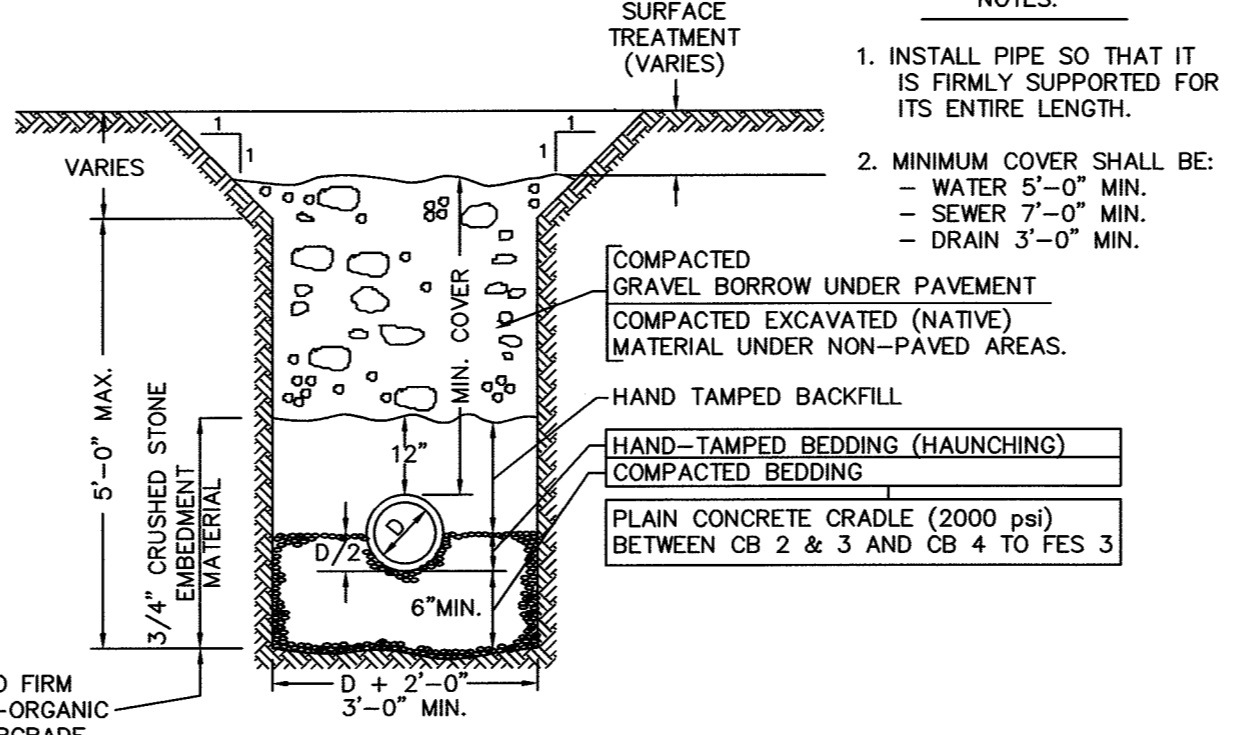
BEARING AREAS OF THRUST BLOCKS (BEARING AREA IN SQUARE FT.)
NOT TO SCALE



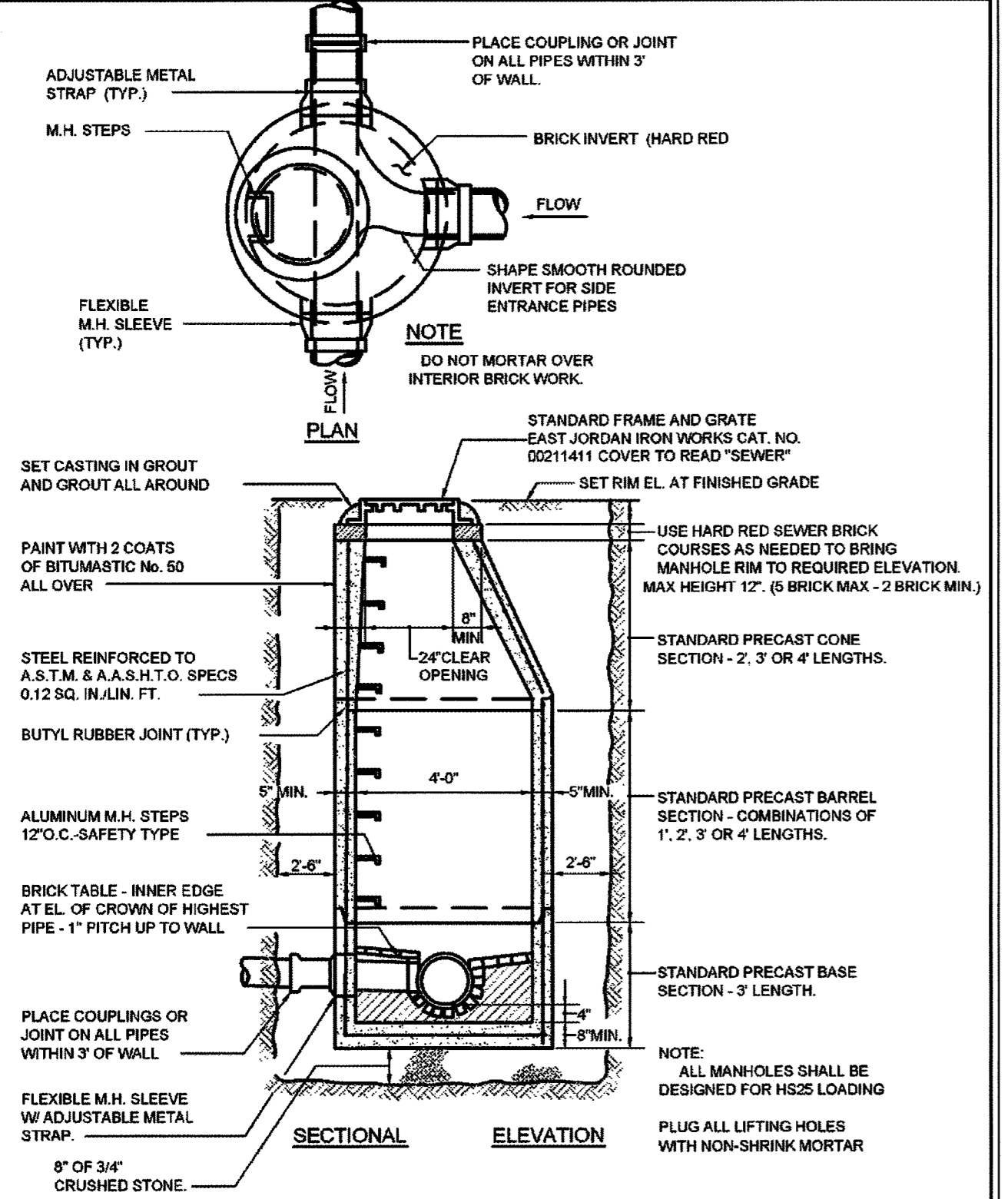
HYDRANT CONNECTION
NOT TO SCALE



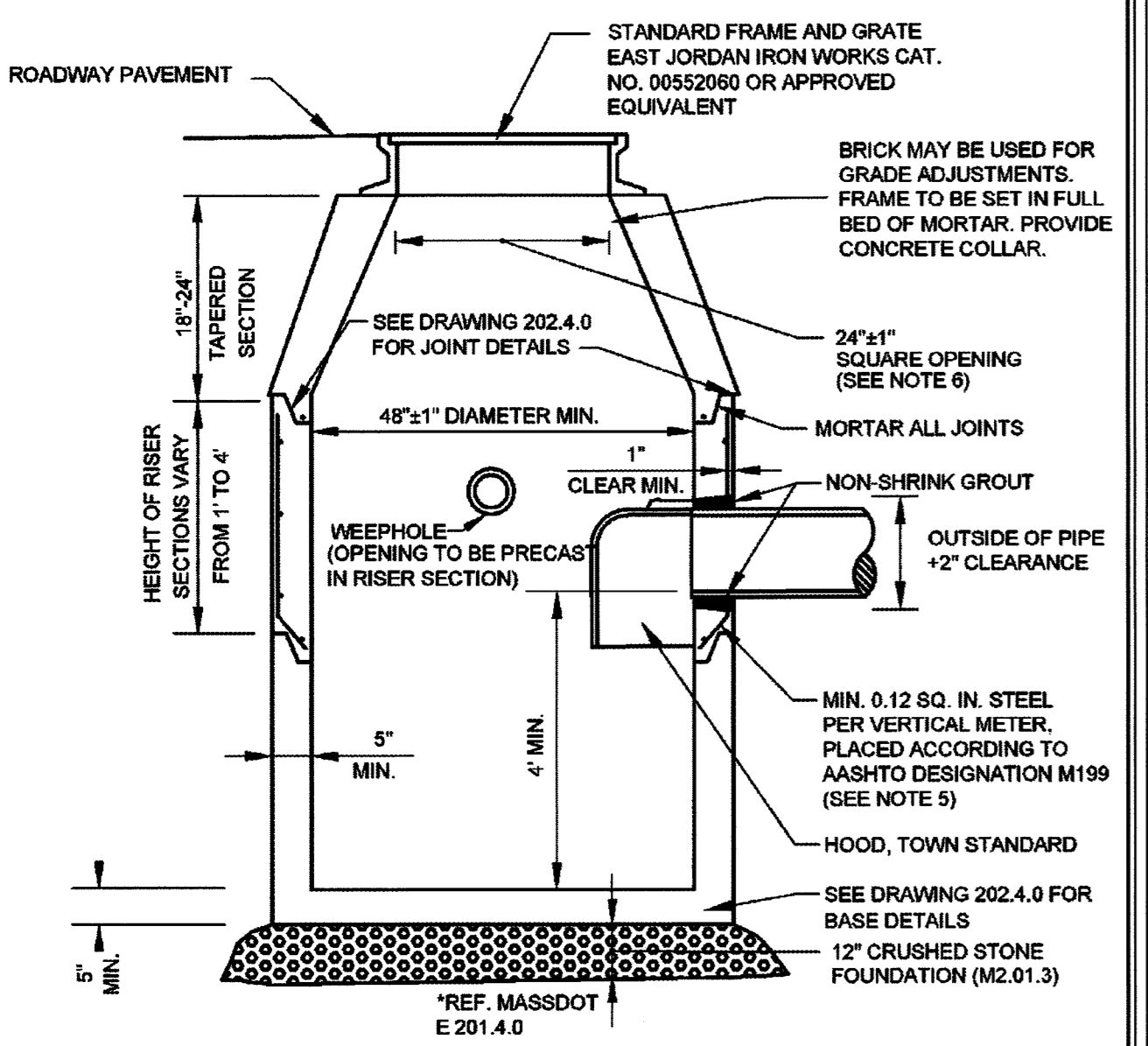
WATER SERVICE CONNECTION
NOT TO SCALE



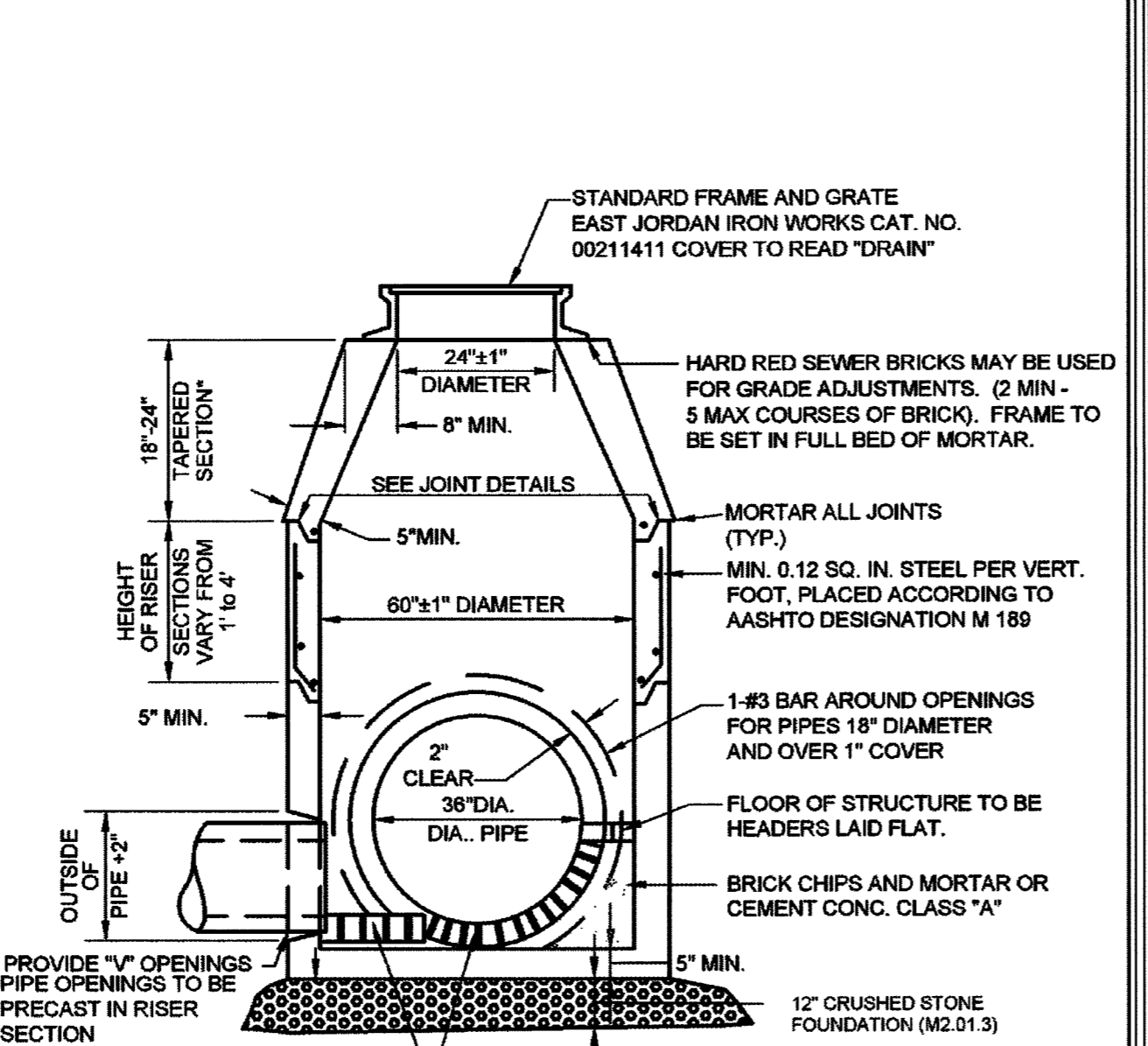
UTILITY TRENCH
NOT TO SCALE



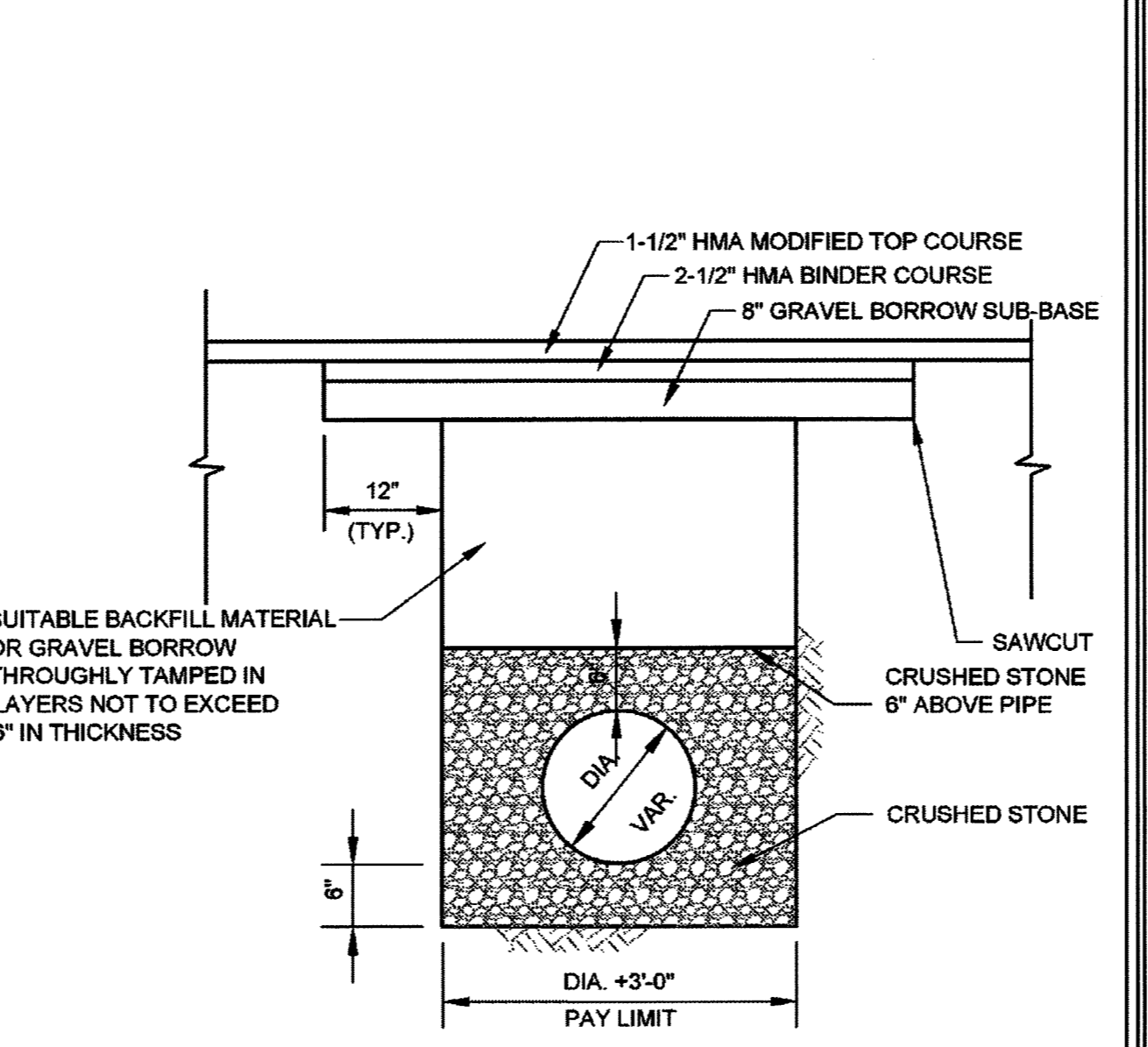
TOWN OF WESTWOOD CONSTRUCTION DETAILS SEWER MANHOLE
DATE OF ISSUE: March 2014
DETAIL NUMBER: S-1



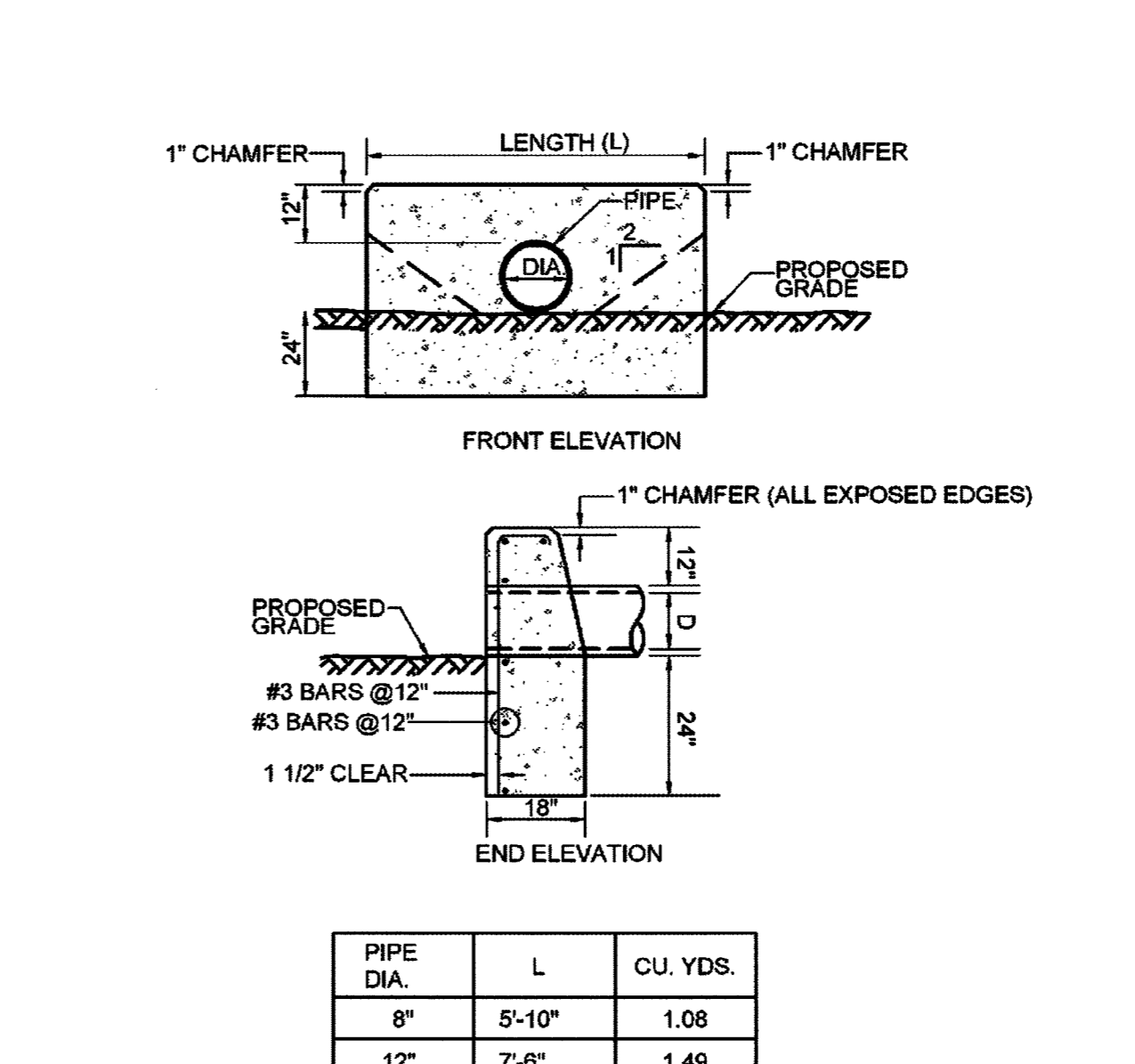
TOWN OF WESTWOOD CONSTRUCTION DETAILS PRECAST CONCRETE CATCH BASIN
DATE OF ISSUE: March 2014
DETAIL NUMBER: SD-1



TOWN OF WESTWOOD CONSTRUCTION DETAILS PRECAST CONCRETE MANHOLE
DATE OF ISSUE: March 2014
DETAIL NUMBER: SD-2



TOWN OF WESTWOOD CONSTRUCTION DETAILS DRAINAGE TRENCH DETAIL
DATE OF ISSUE: March 2014
DETAIL NUMBER: SD-5



TOWN OF WESTWOOD CONSTRUCTION DETAILS CONCRETE AND FIELD STONE MASONRY PIPE ENDS FOR 8" TO 30" PIPE
DATE OF ISSUE: March 2014
DETAIL NUMBER: D-6

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

DATE: 12/12/16
REGISTERED LAND SURVEYOR

DATE SUBMITTED: ENCLOSED
DATE APPROVED: 1/19/2017
WESTWOOD PLANNING BOARD

I CERTIFY THAT 20 DAYS HAVE ELAPSED SINCE PLANNING BOARD APPROVAL AND THAT NO APPEAL HAS BEEN FILED IN THIS OFFICE.
DATE: 12/28/16
WESTWOOD TOWN CLERK

APPROVED: _____ SUBJECT TO CONDITIONS SET FORTH IN A COVENANT EXECUTED BY _____, DATED _____, AND TO BE RECORDED HERewith.

APPLICANT: CANTON STREET REALTY TRUST
DAVID SPIEGEL, TRUSTEE
P.O. BOX 890
NORWOOD, MA 02062

ASSESSORS INFORMATION: MAP 32 PARCEL 197
MAP 32 PARCEL 009
ZONING CLASSIFICATION: SINGLE RESIDENCE C (SRC)

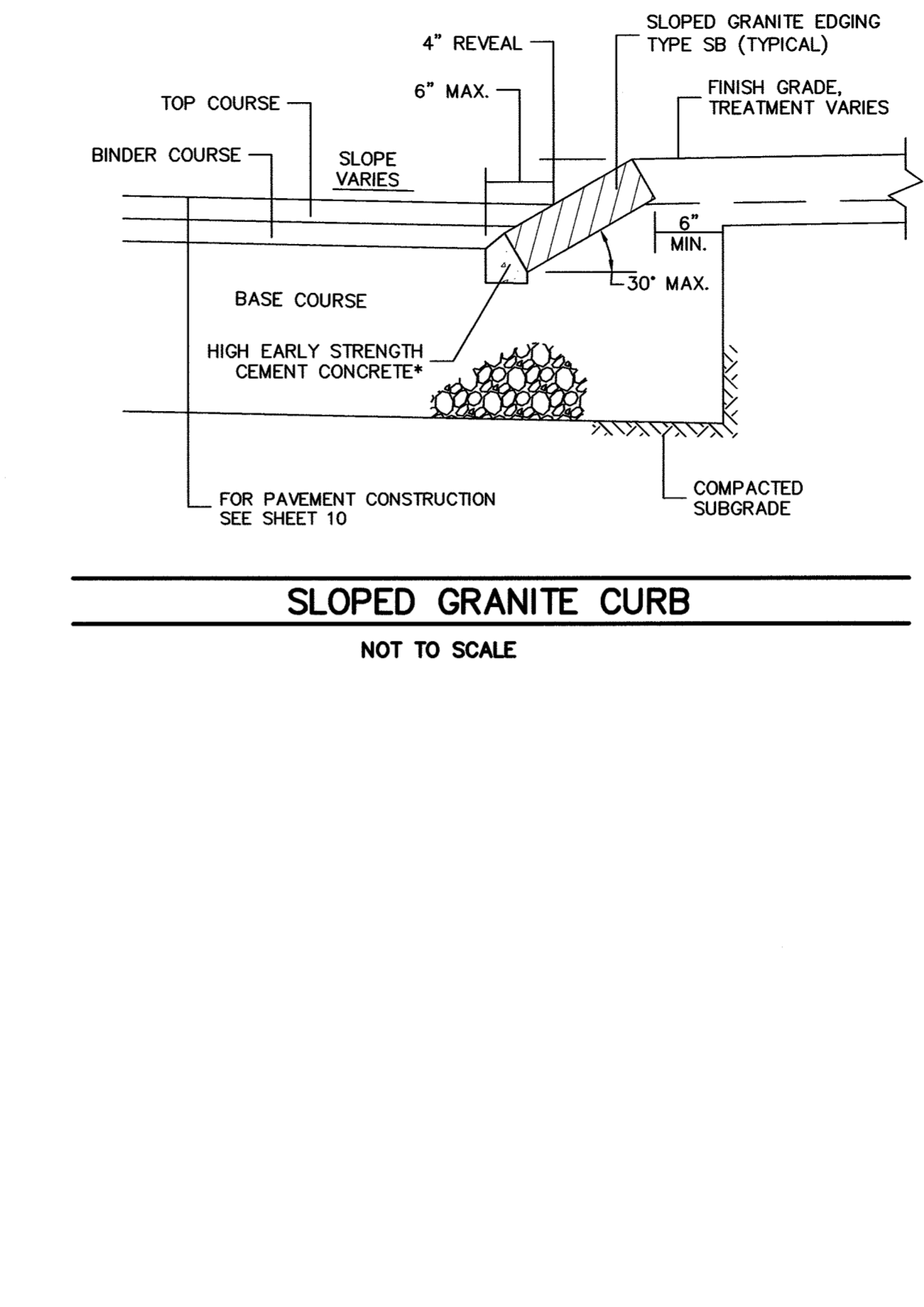
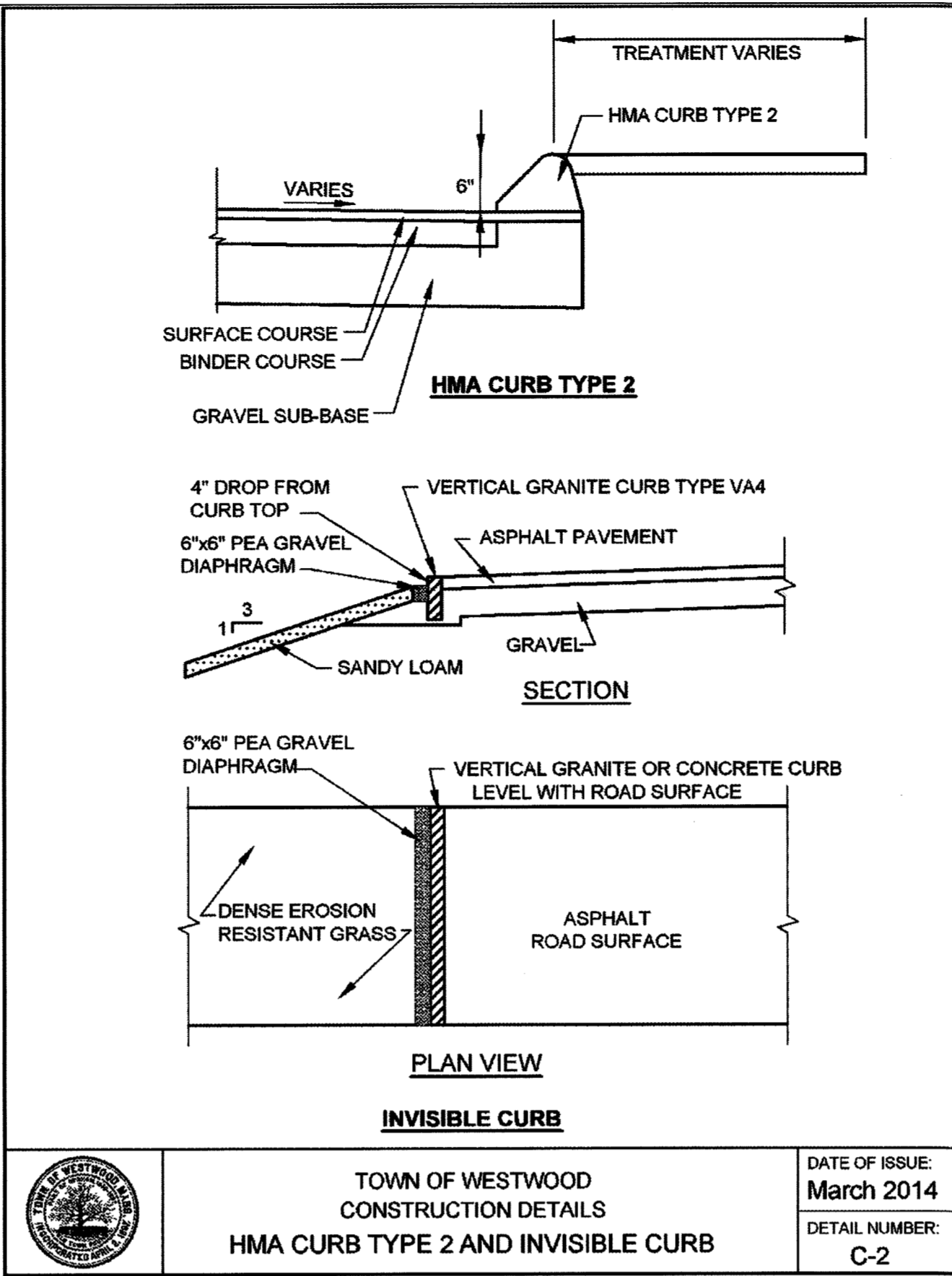
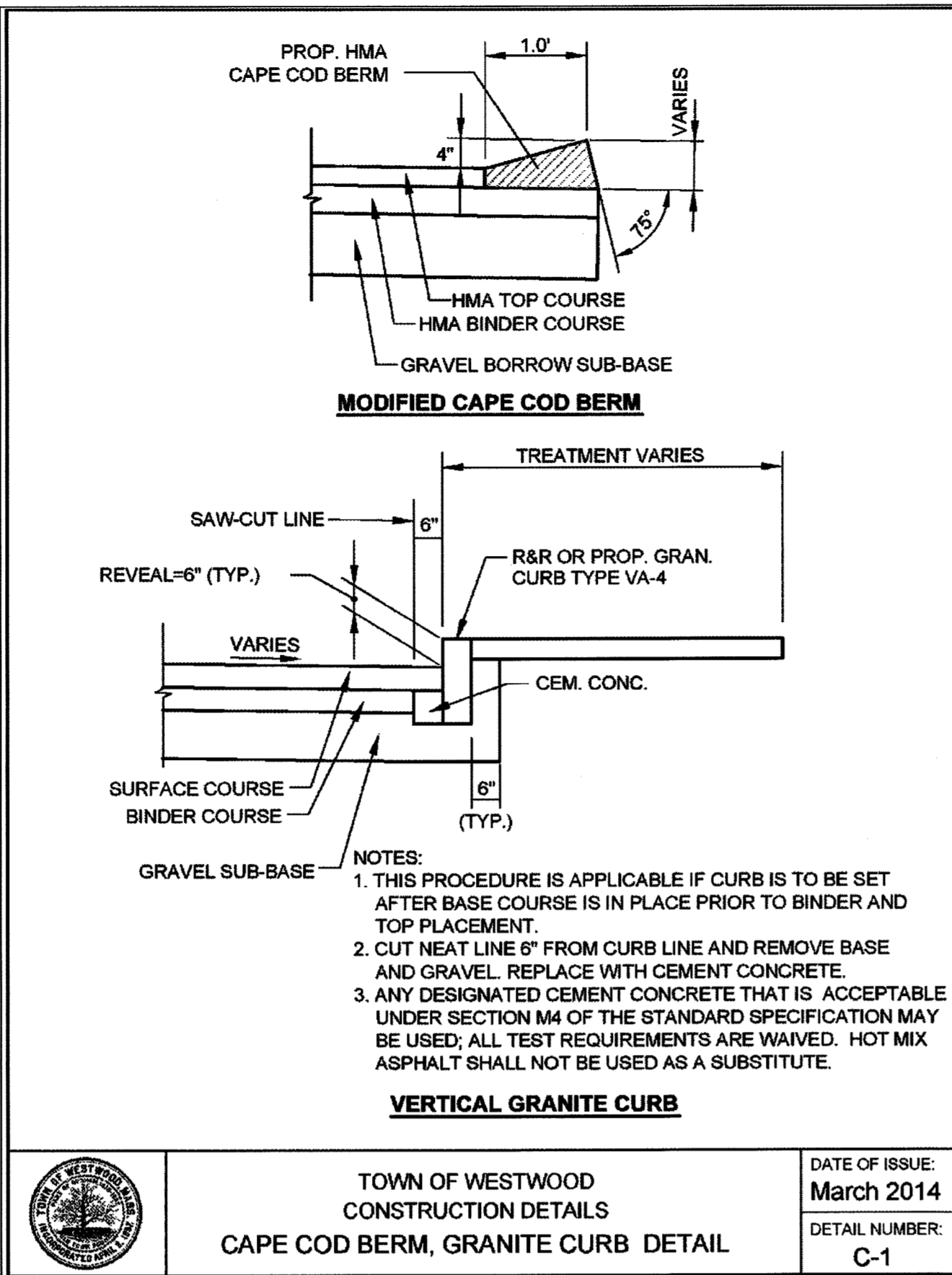
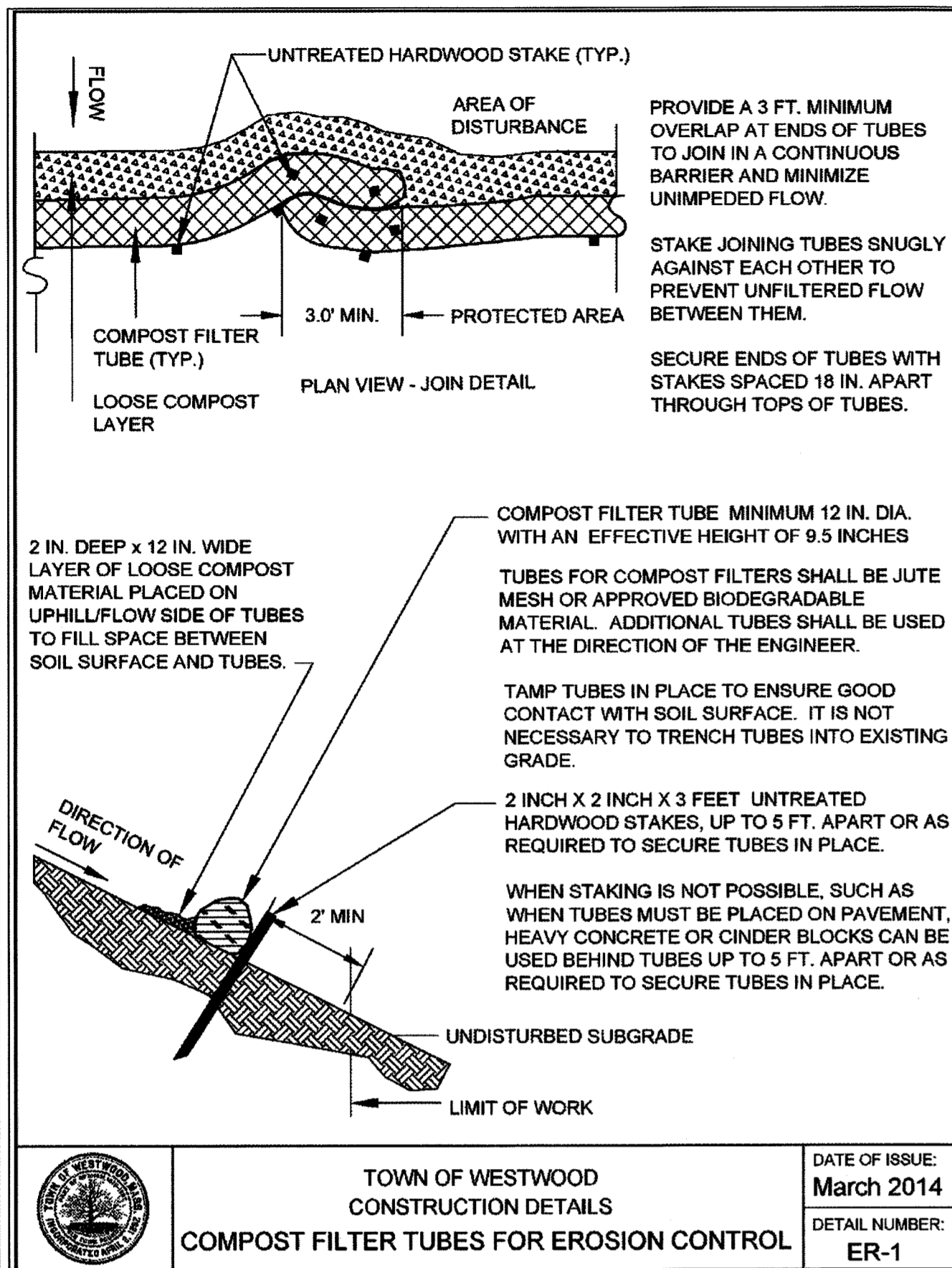
OWNERS: MAP 32 PARCEL 009
LEONA M. LANDON NOMINEE TRUST
LEONA M. LANDON TRUSTEE
443 CANTON STREET
WESTWOOD, MA 02090
DEED BK 14233 PG 465



"WESTWOOD ESTATES" DEFINITIVE SUBDIVISION DETAILS
WESTWOOD, MASSACHUSETTS
SCALE: 1" = 40'
FEBRUARY 10, 2016

Norwood Engineering
Norwood Engineering Company, Inc.
Consulting Engineers, Land Surveyors
1410 ROUTE ONE, NORWOOD, MA 02062
TEL. (781)762-0143 FAX (781)762-8595

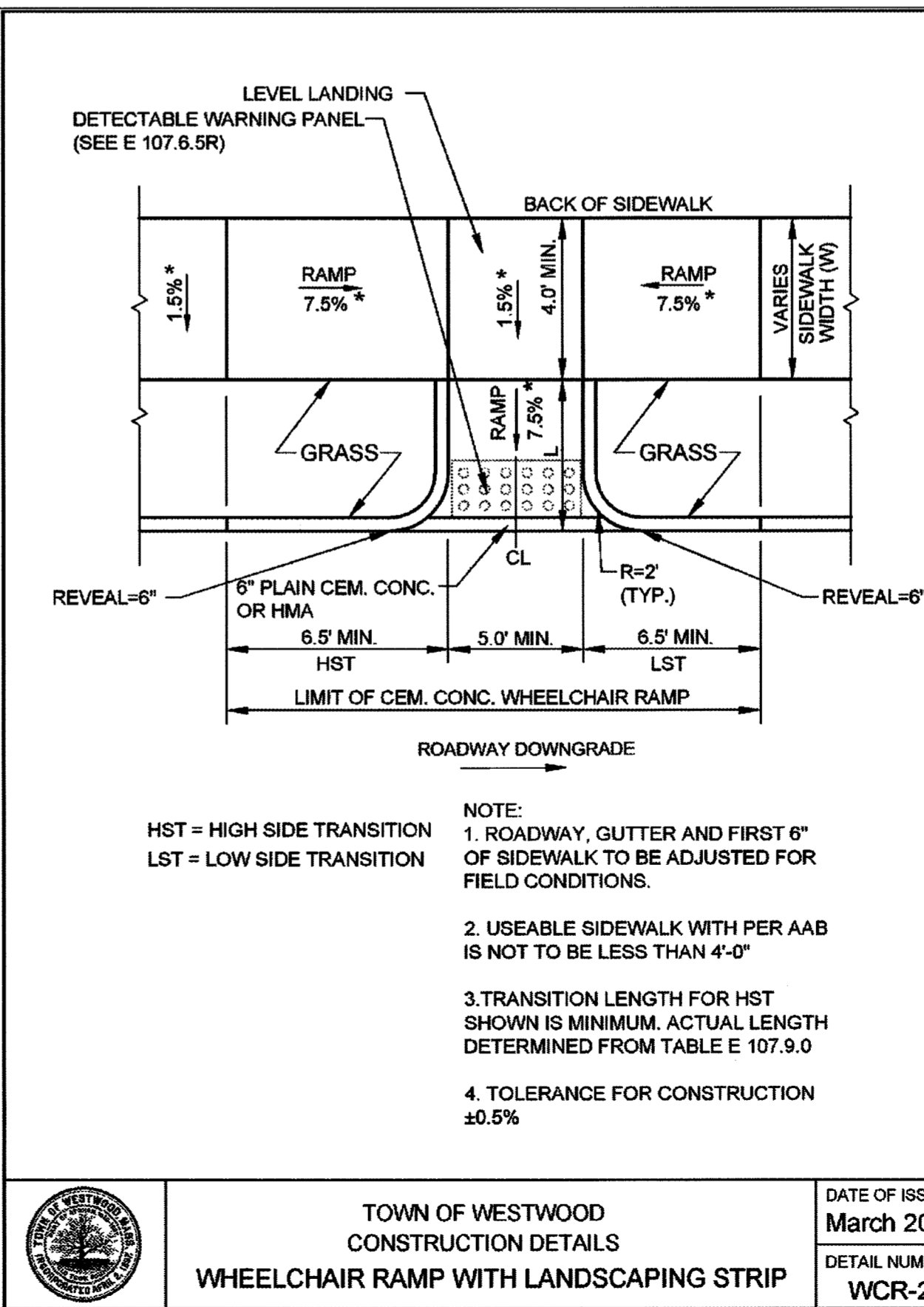
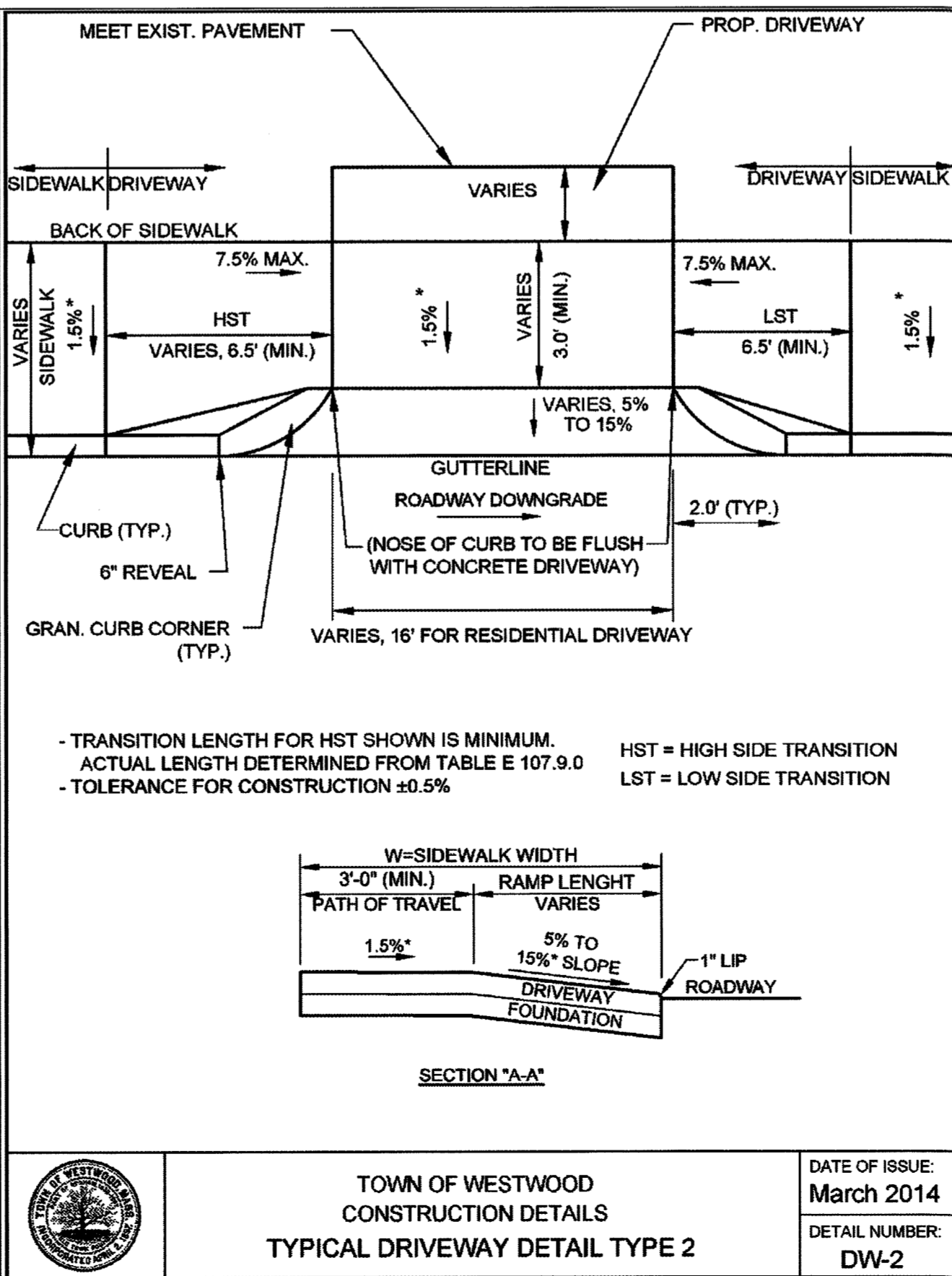
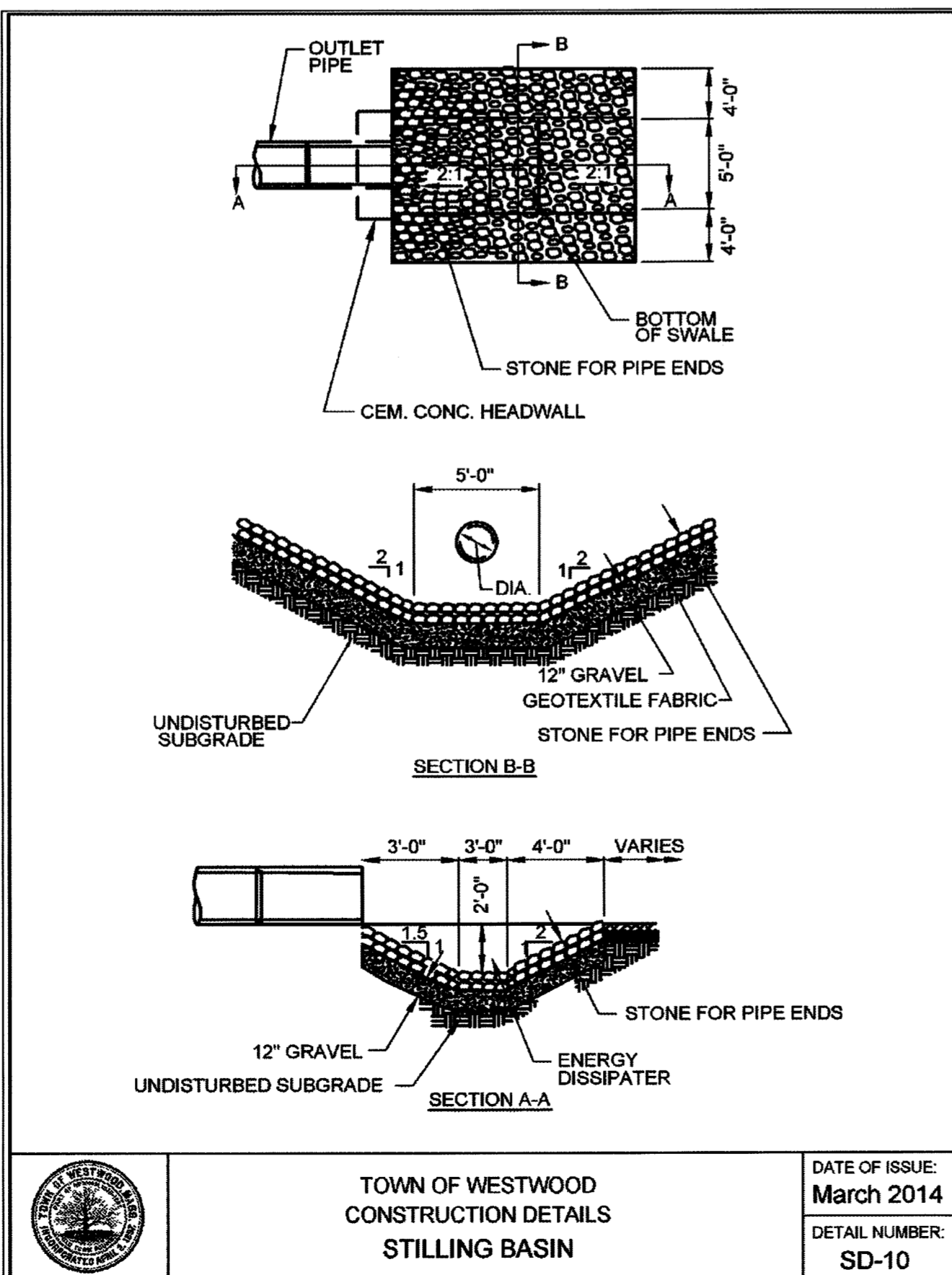
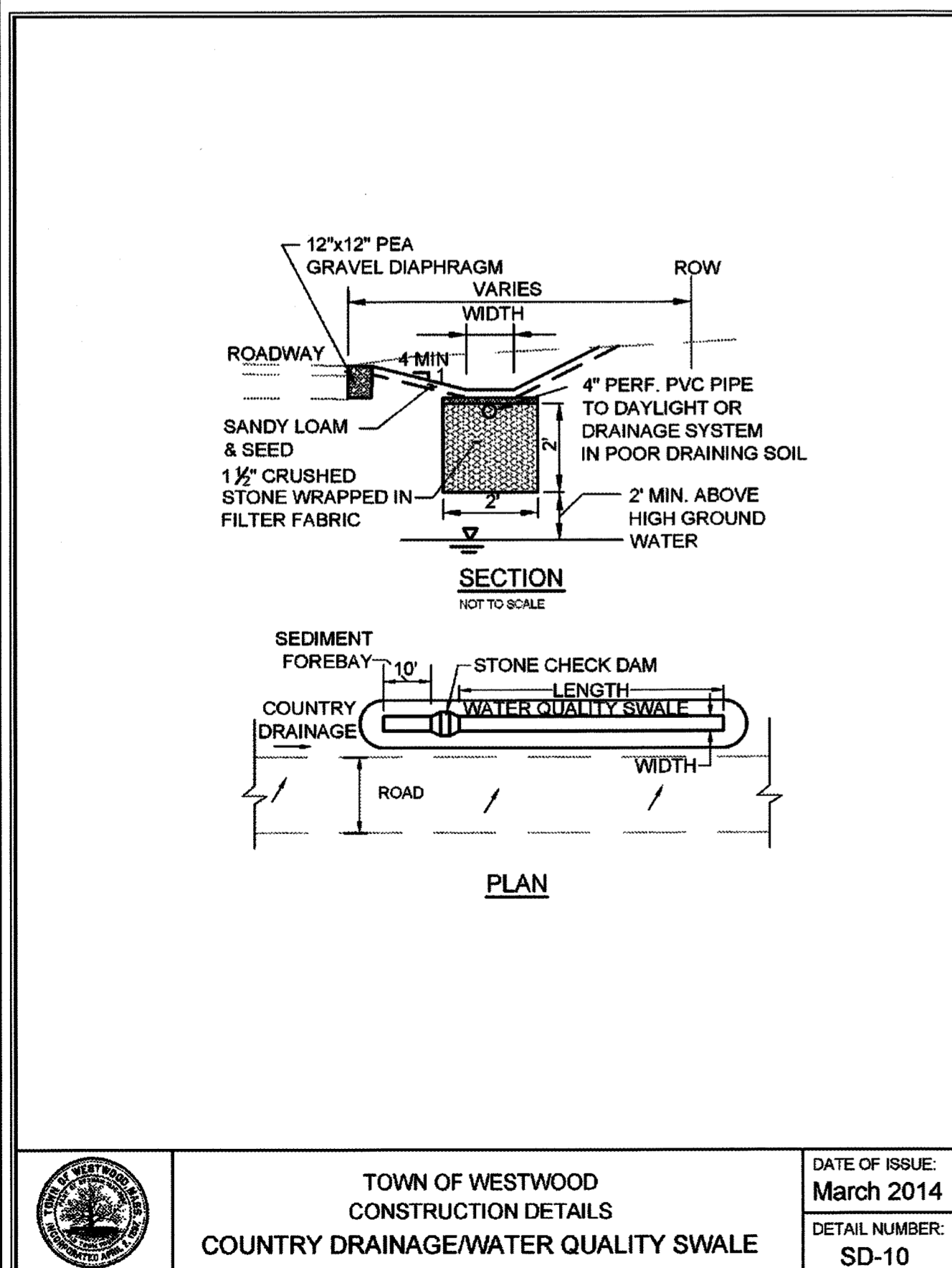
DATE	REVISIONS
3-11-16	PLANNING STAFF/FIRE CHIEF COMMENTS
4-12-16	TOWN ENGINEER & PSC COMMENTS
5-19-16	PSC COMMENTS, LID REDESIGN TO NEW P.B. REGS
10-5-16	PLANNING BOARD COMMENTS
10-21-16	PLANNING BOARD COMMENTS
12-12-16	PER PLANNING BOARD 11-1-16 APPROVAL



I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.
DATE: 12/12/16
REGISTERED LAND SURVEYOR

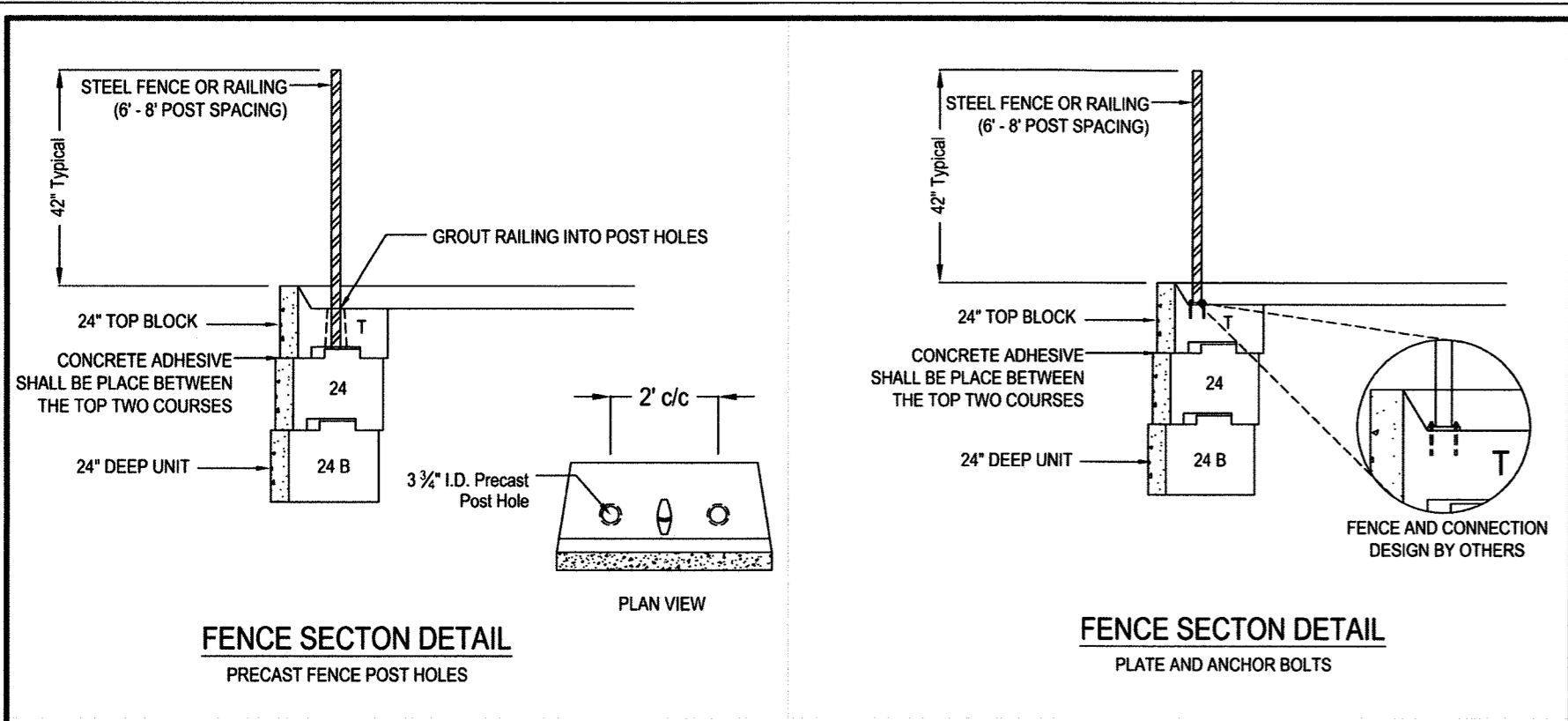
DATE SUBMITTED: 1/10/2017
DATE APPROVED: 1/10/2017
DATE: 12/20/16
WESTWOOD PLANNING BOARD
I CERTIFY THAT 20 DAYS HAVE ELAPSED SINCE PLANNING BOARD APPROVAL AND THAT NO APPEAL HAS BEEN FILED IN THIS OFFICE.
DATE: 12/20/16
WESTWOOD TOWN CLERK

APPROVED: _____, SUBJECT TO CONDITIONS SET FORTH IN A COVENANT EXECUTED BY _____, DATED _____, AND TO BE RECORDED HERewith.



APPLICANT: CANTON STREET REALTY TRUST
DAVID SPIEGEL, TRUSTEE
P.O. BOX 890
NORWOOD, MA 02062
ASSESSORS INFORMATION: MAP 32 PARCEL 197
MAP 32 PARCEL 009
ZONING CLASSIFICATION: SINGLE RESIDENCE C (SRC)
OWNERS: MAP 32 PARCEL 197
DOROTHY A. & JOHN W. POWERS III
9 HEDGEROW LANE
WESTWOOD, MA 02090
DEED BK 19637 PG 113
MAP 32 PARCEL 009
LEONA M. LANDON NOMINEE TRUST
LEONA M. LANDON TRUSTEE
443 CANTON STREET
WESTWOOD, MA 02090
DEED BK 14233 PG 465

"WESTWOOD ESTATES"
DEFINITIVE SUBDIVISION
DETAILS
WESTWOOD, MASSACHUSETTS
SCALE: 1" = 40' FEBRUARY 10, 2016
Norwood Engineering
Norwood Engineering Company, Inc.
Consulting Engineers, Land Surveyors
1410 ROUTE ONE, NORWOOD, MA 02062
TEL (781)762-0143 FAX (781)762-8595
METERS 0 10 20 40 80 120
FEET 0 20 40 80 120
DATE REVISIONS
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5-19-16 PSC COMMENTS, LID REDESIGN TO NEW P.B. REGS
10-5-16 PLANNING BOARD COMMENTS
10-21-16 PLANNING BOARD COMMENTS
12-12-16 PER PLANNING BOARD 11-1-16 APPROVAL
SHEET 15 OF 16 4972-35

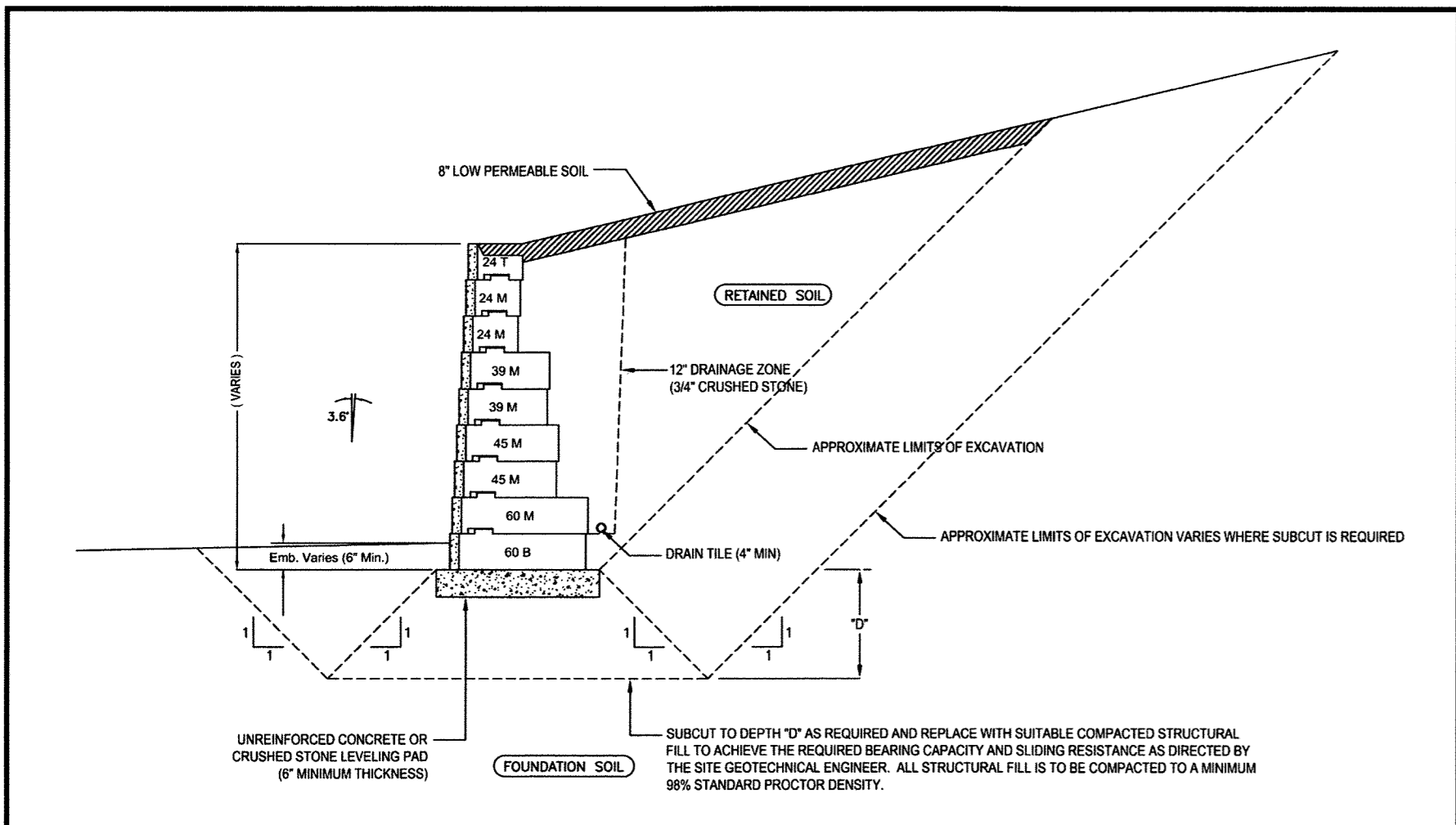


NOTE:
 1. WHEN THE FENCE POST IS PLACED IN OR ON TOP OF THE TOP BLOCK, EACH TOP BLOCK SHOULD BE ADHERED TO THE BLOCK BENEATH IT. (PL PREMIUM IS THE RECOMMENDED CONCRETE ADHESIVE)
 2. DETAIL DOES NOT APPLY TO PRIVACY FENCING OR OTHER APPLICATIONS WHERE WIND LOAD WOULD NEED TO BE TAKEN INTO ACCOUNT

Copyright 2009 Shea Wall Systems, Inc.
 Design is for internal stability of the Shea wall structure only. External stability, including but not limited to foundation and slope stability is the responsibility of the Owner. The design is based on the assumption that the materials within the retained mass, methods of construction, and quality of materials conform to Shea's specification for this project.

SHEA CONCRETE PRODUCTS Retaining Wall Systems
DRAWING # 114

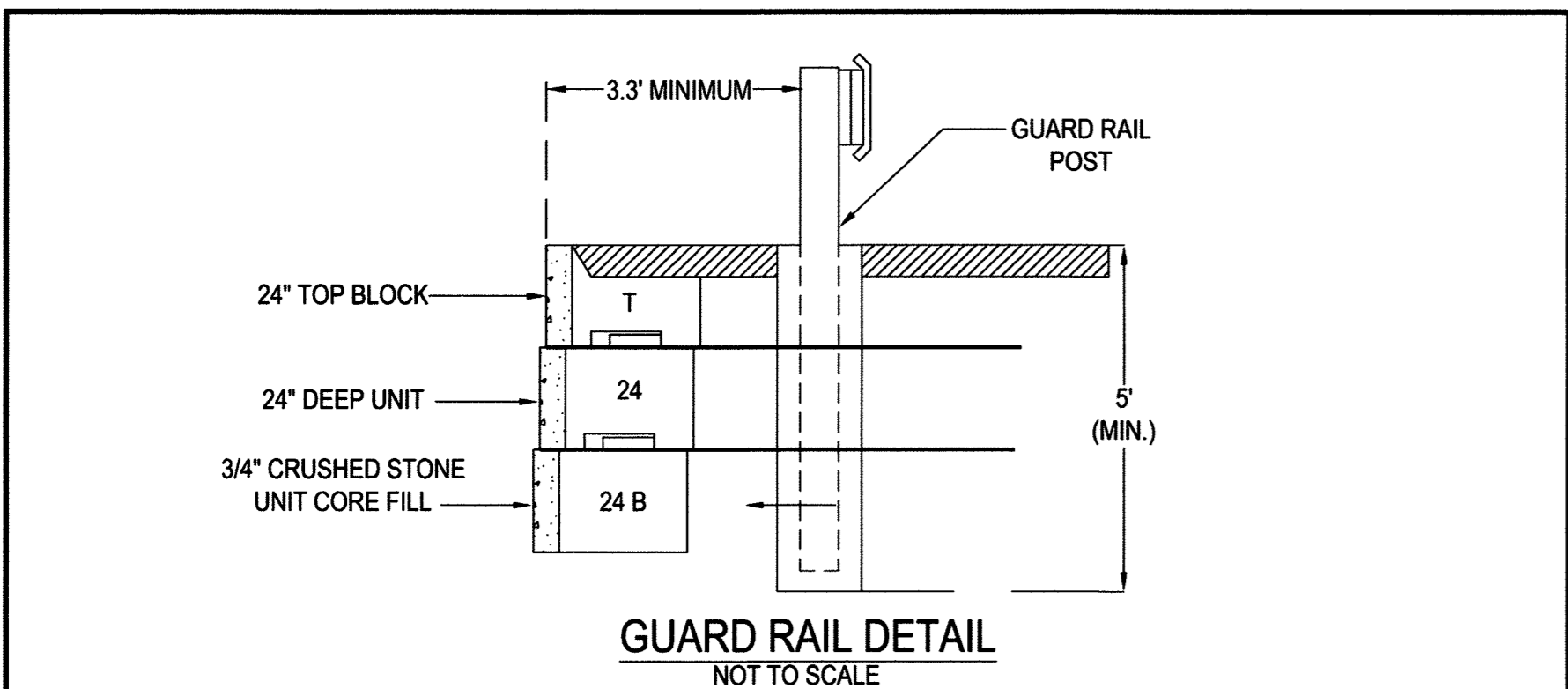
SHEA WALL SYSTEMS, INC
 87 Havenhill Street
 Amesbury, MA 01913
 Phone: 800-598-7432
 Phone: 978-388-1509
 www.sheaconcrete.com



Copyright 2009 Shea Wall Systems, Inc.
 Design is for internal stability of the Shea wall structure only. External stability, including but not limited to foundation and slope stability is the responsibility of the Owner. The design is based on the assumption that the materials within the retained mass, methods of construction, and quality of materials conform to Shea's specification for this project.

SHEA CONCRETE PRODUCTS Retaining Wall Systems
DRAWING # 102

SHEA WALL SYSTEMS, INC
 87 Havenhill Street
 Amesbury, MA 01913
 Phone: 800-598-7432
 Phone: 978-388-1509
 www.sheaconcrete.com



NOTES:
 1. PLACE SONOTUBES AT GUARD RAIL POST LOCATIONS. CUT GEOGRID AROUND SONOTUBES.
 2. GROUT GUARD RAIL POST INTO SONOTUBES.

Copyright 2009 Shea Wall Systems, Inc.
 Design is for internal stability of the Shea wall structure only. External stability, including but not limited to foundation and slope stability is the responsibility of the Owner. The design is based on the assumption that the materials within the retained mass, methods of construction, and quality of materials conform to Shea's specification for this project.

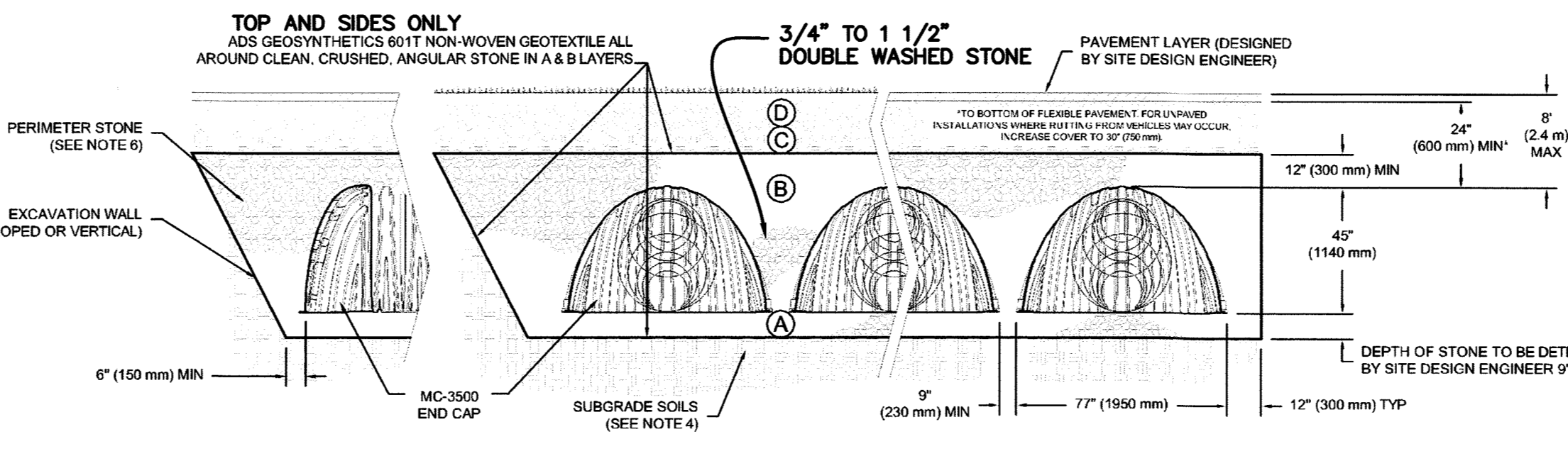
SHEA CONCRETE PRODUCTS Retaining Wall Systems
DRAWING # 113

SHEA WALL SYSTEMS, INC
 87 Havenhill Street
 Amesbury, MA 01913
 Phone: 800-598-7432
 Phone: 978-388-1509
 www.sheaconcrete.com

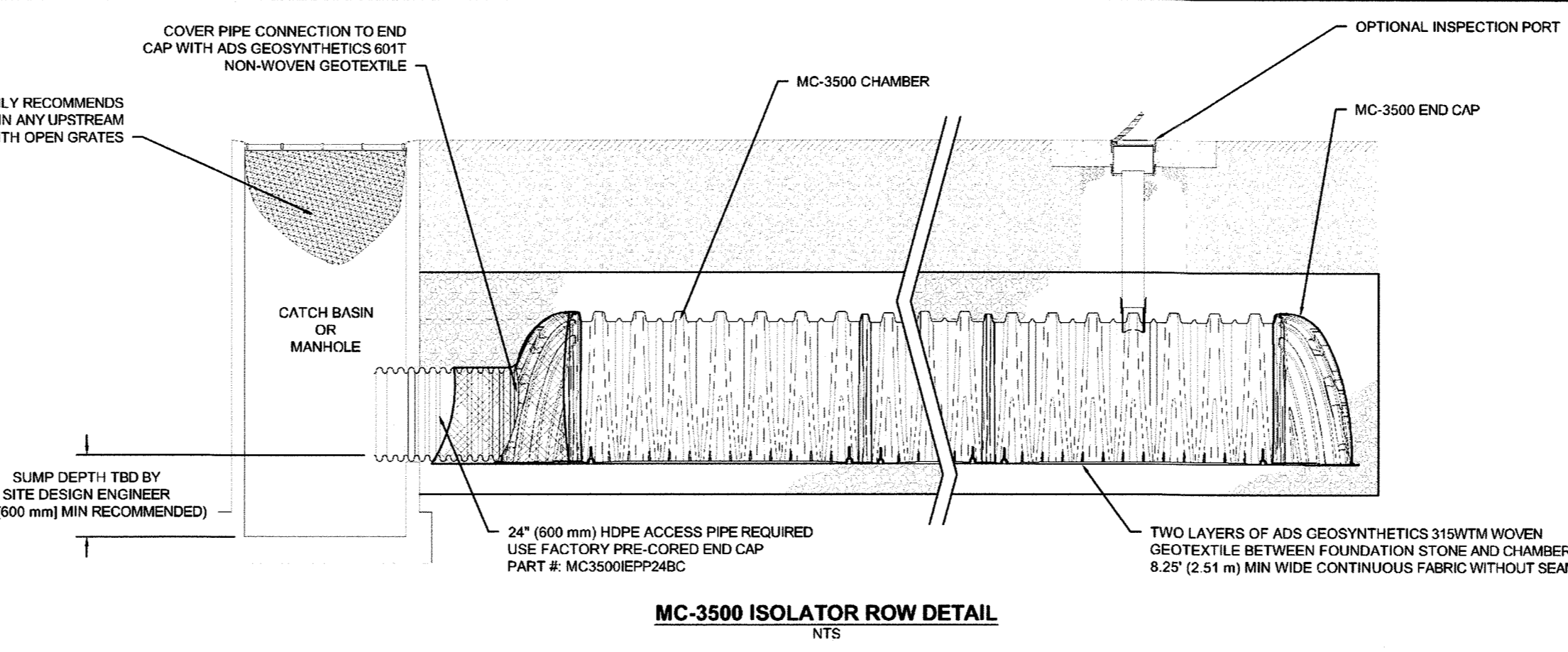
ACCEPTABLE FILL MATERIALS: STORMTECH MC-3500 CHAMBER SYSTEMS

MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 24\"/>		

PLEASE NOTE:
 1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
 2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9\"/>

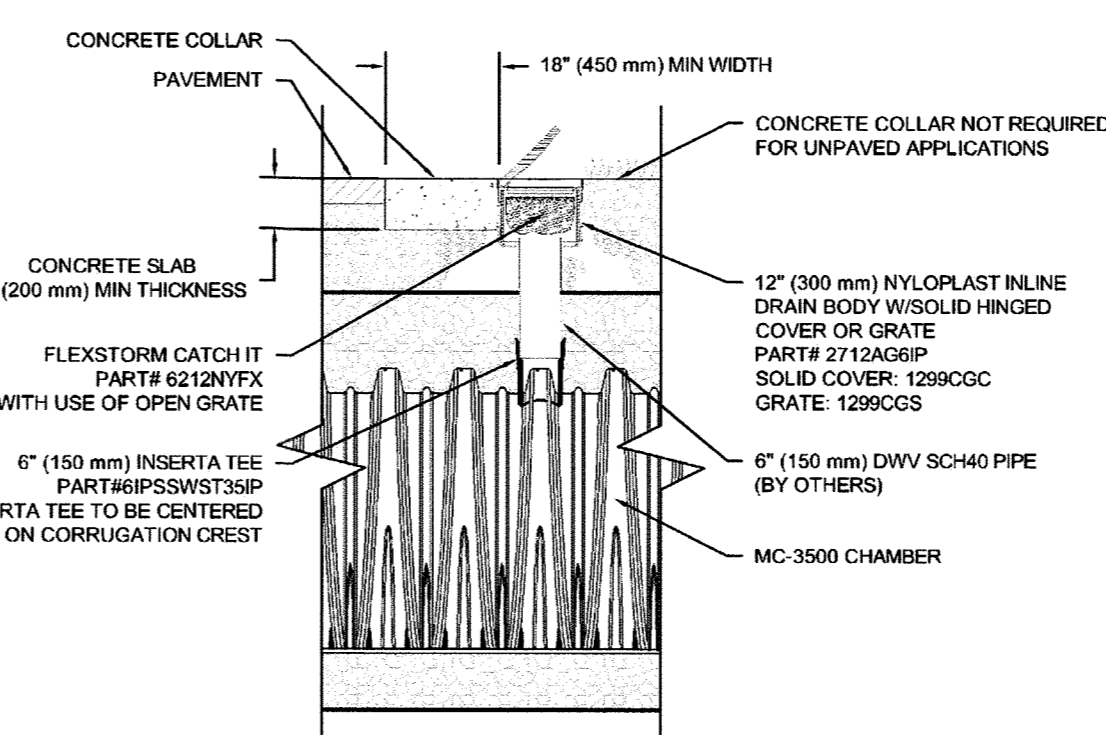


- NOTES:**
- MC-3500 CHAMBERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F2418 "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
 - MC-3500 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
 - "ACCEPTABLE FILL MATERIALS" TABLE ABOVE PROVIDES MATERIAL LOCATIONS, DESCRIPTIONS, GRADATIONS, AND COMPACTION REQUIREMENTS FOR FOUNDATION, EMBEDMENT, AND FILL MATERIALS.
 - THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
 - ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.



- INSPECTION & MAINTENANCE**
- STEP 1) INSPECT ISOLATOR ROW FOR SEDIMENT**
- A. INSPECTION PORTS (IF PRESENT)
- REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
 - REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
 - USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
 - LOWER A CAMERA INTO ISOLATOR ROW FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
 - IF SEDIMENT IS AT, OR ABOVE, 3\"/>
- B. ALL ISOLATOR ROWS
- REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW
 - USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW THROUGH OUTLET PIPE
 - MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
 - FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
 - IF SEDIMENT IS AT, OR ABOVE, 3\"/>
- STEP 2) CLEAN OUT ISOLATOR ROW USING THE JET/VAC PROCESS**
- A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45\"/>
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.**
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.**

- NOTES**
- INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
 - CONDUCT JETTING AND VACUUMING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.



MC-3500 STANDARD CROSS SECTION

REV. DRW. CHK. DATE

DESCRIPTION

4640 TRUBMAN BLVD
 HILLIARD, OH 43026
 1-800-733-7473

Stormtech

4640 TRUBMAN BLVD
 HILLIARD, OH 43026
 1-800-733-7473

DESIGNING AND MANUFACTURING THE MOST ADVANCED STORMWATER COLLECTION SYSTEMS IN THE WORLD SINCE 1982

SHEET 1 OF 1

MC-3500 ISOLATOR ROW DETAILS

REV. DRW. CHK. DATE

DESCRIPTION

4640 TRUBMAN BLVD
 HILLIARD, OH 43026
 1-800-733-7473

Stormtech

4640 TRUBMAN BLVD
 HILLIARD, OH 43026
 1-800-733-7473

DESIGNING AND MANUFACTURING THE MOST ADVANCED STORMWATER COLLECTION SYSTEMS IN THE WORLD SINCE 1982

SHEET 1 OF 1

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

DATE: 12/2/16
 REGISTERED LAND SURVEYOR

DATE SUBMITTED: ENDS SEP 11/18/2017
 DATE APPROVED: [Signature]
 [Signature]
 [Signature]
 WESTWOOD PLANNING BOARD

I CERTIFY THAT 20 DAYS HAVE ELAPSED SINCE PLANNING BOARD APPROVAL AND THAT NO APPEAL HAS BEEN FILED IN THIS OFFICE.
 DATE 12/16/16
 WESTWOOD TOWN CLERK

APPROVED _____ SUBJECT TO CONDITIONS SET FORTH IN A COVENANT EXECUTED BY _____, AND TO BE DATED _____, RECORDED HERewith.

APPLICANT
 CANTON STREET REALTY TRUST
 DAVID SPIEGEL, TRUSTEE
 P.O. BOX 800
 NORWOOD, MA 02062

ASSESSORS INFORMATION
 MAP 32 PARCEL 197
 MAP 32 PARCEL 009

ZONING CLASSIFICATION
 SINGLE RESIDENCE C (SRC)

OWNERS
 MAP 32 PARCEL 197
 DOROTHY A. & JOHN W. POWERS III
 9 HEDGEROW LANE
 WESTWOOD, MA 02090
 DEED BK 19637 PG 113

OWNERS
 MAP 32 PARCEL 009
 LEONA M. LANDON NOMINEE TRUST
 LEONA M. LANDON TRUSTEE
 443 CANTON STREET
 WESTWOOD, MA 02090
 DEED BK 14233 PG 465

MATTHEW D. SMITH
 No. 45084
 REGISTERED PROFESSIONAL SURVEYOR

MATTHEW D. SMITH
 No. 36588
 REGISTERED PROFESSIONAL SURVEYOR

"WESTWOOD ESTATES" DEFINITIVE SUBDIVISION DETAILS
 WESTWOOD, MASSACHUSETTS

SCALE: 1" = 40' FEBRUARY 10, 2016

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 Norwood Engineering Company, Inc.
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 TEL (781)762-0143 FAX (781)762-8595

METERS 0 10 20 30 40
 FEET 0 20 40 80 120

DATE	REVISIONS
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