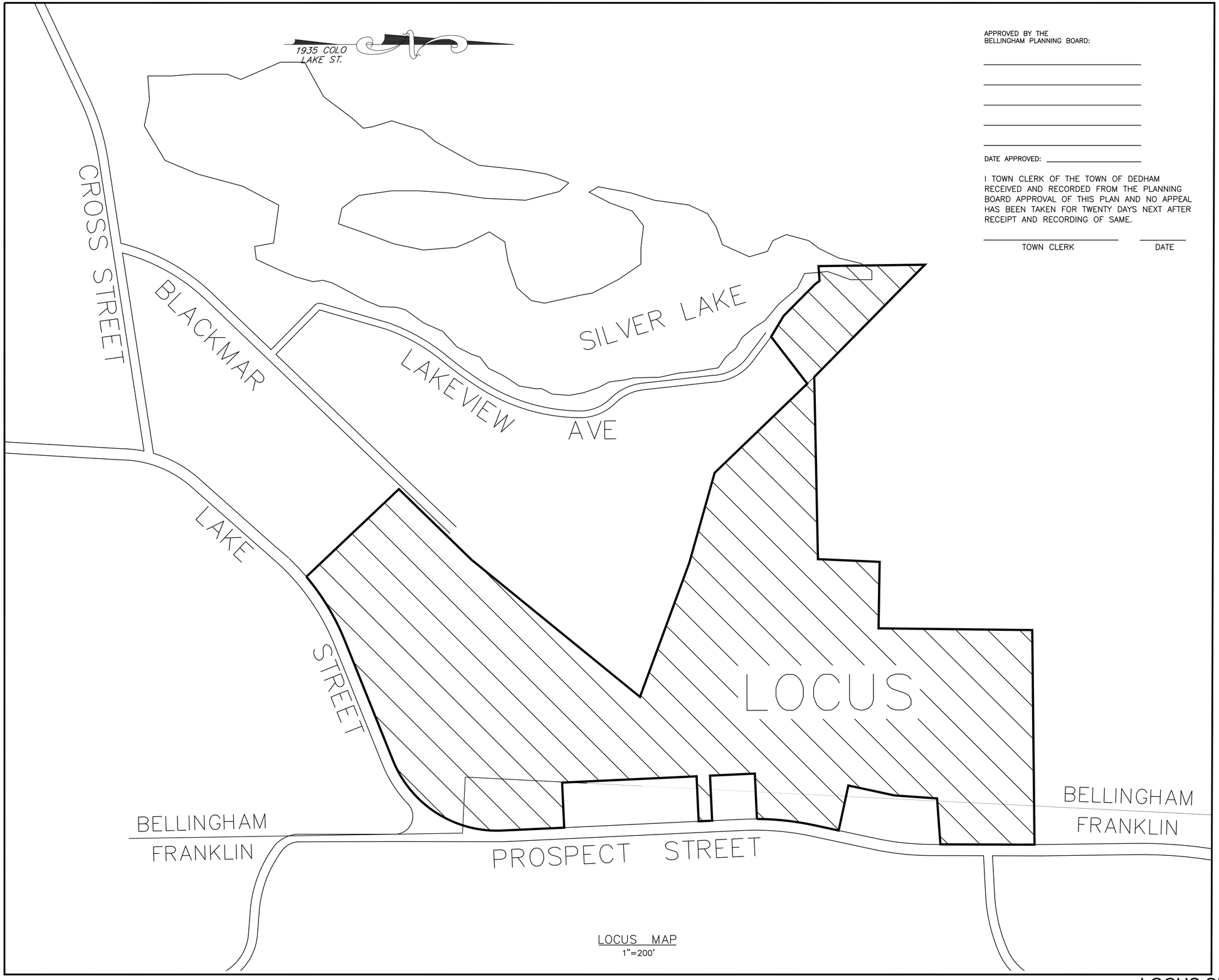

LOCUS MAP
1"=200'

APPROVED BY THE
BELLINGHAM PLANNING BOARD:

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_____

DATE APPROVED: _____

I TOWN CLERK OF THE TOWN OF DEDHAM RECEIVED AND RECORDED FROM THE PLANNING BOARD APPROVAL OF THIS PLAN AND NO APPEAL HAS BEEN TAKEN FOR TWENTY DAYS NEXT AFTER RECEIPT AND RECORDING OF SAME.

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TOWN CLERK DATE

REVISIONS

No.	DATE	DESCRIPTION
1	04/02/2024	WETLAND DELINEATION
2	07/15/2024	PLG BRD ENG COMMENTS
3	09/26/2024	NEW ROAD LAYOUT (LAKE ST)

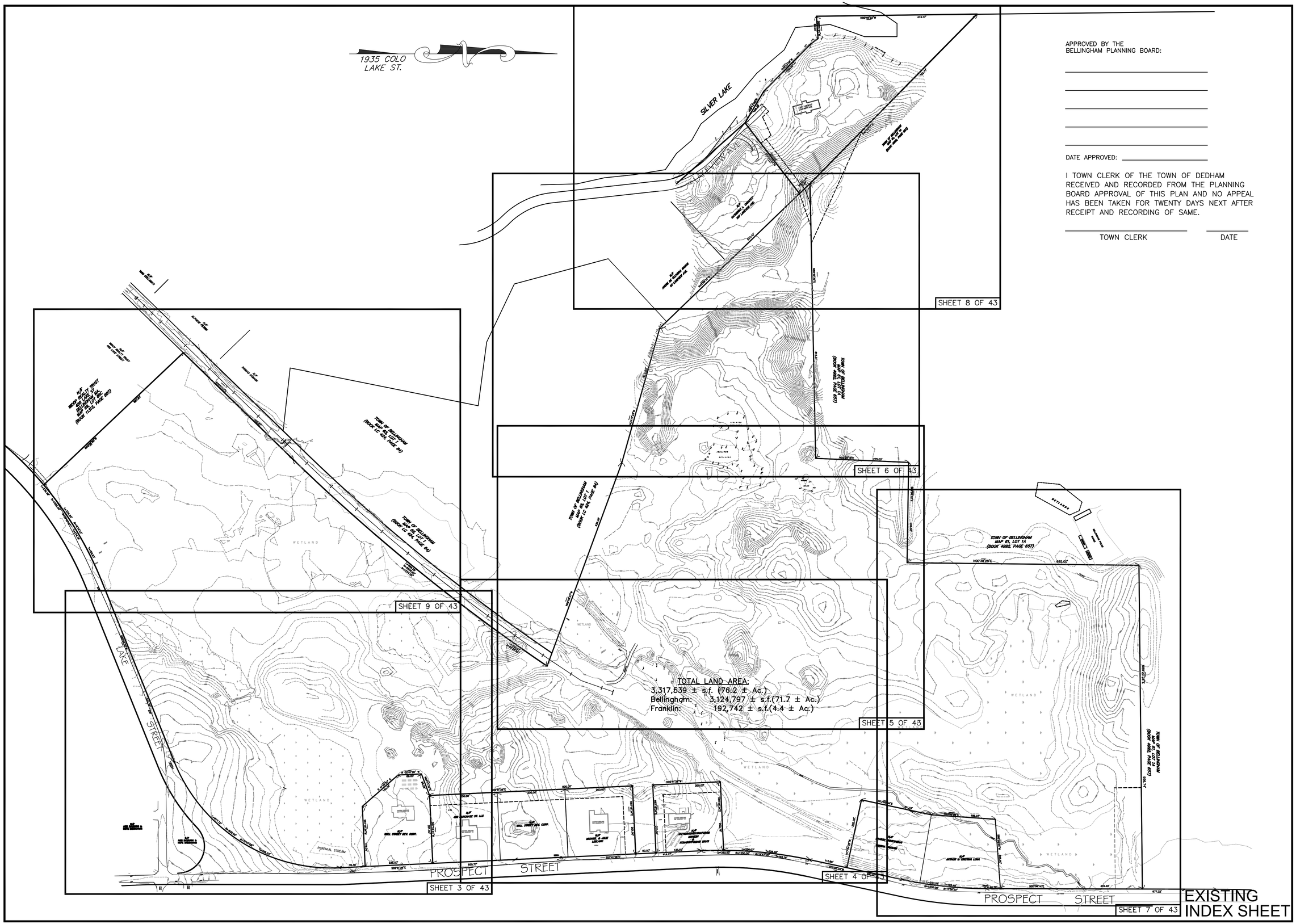
SITE DEVELOPMENT PLAN
"PROSPECT HILL VILLAGE"
A MULTI-UNIT RESIDENTIAL DEVELOPMENT
BELLINGHAM, MASSACHUSETTS

PREPARED FOR:
WALL STREET DEVELOPMENT CORP.
P.O. BOX 272
WESTWOOD, MASSACHUSETTS

GLM Engineering Consultants, Inc.
19 EXCHANGE STREET
HOLLISTON, MA 01746
P: 508-429-1100
F: 508-429-7160
www.GLMengineering.com

JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"=200'
SHEET:	1A of 43
PLAN #:	27,871

LOCUS SHEET



APPROVED BY THE
BELLINGHAM PLANNING BOARD:

DATE APPROVED: _____

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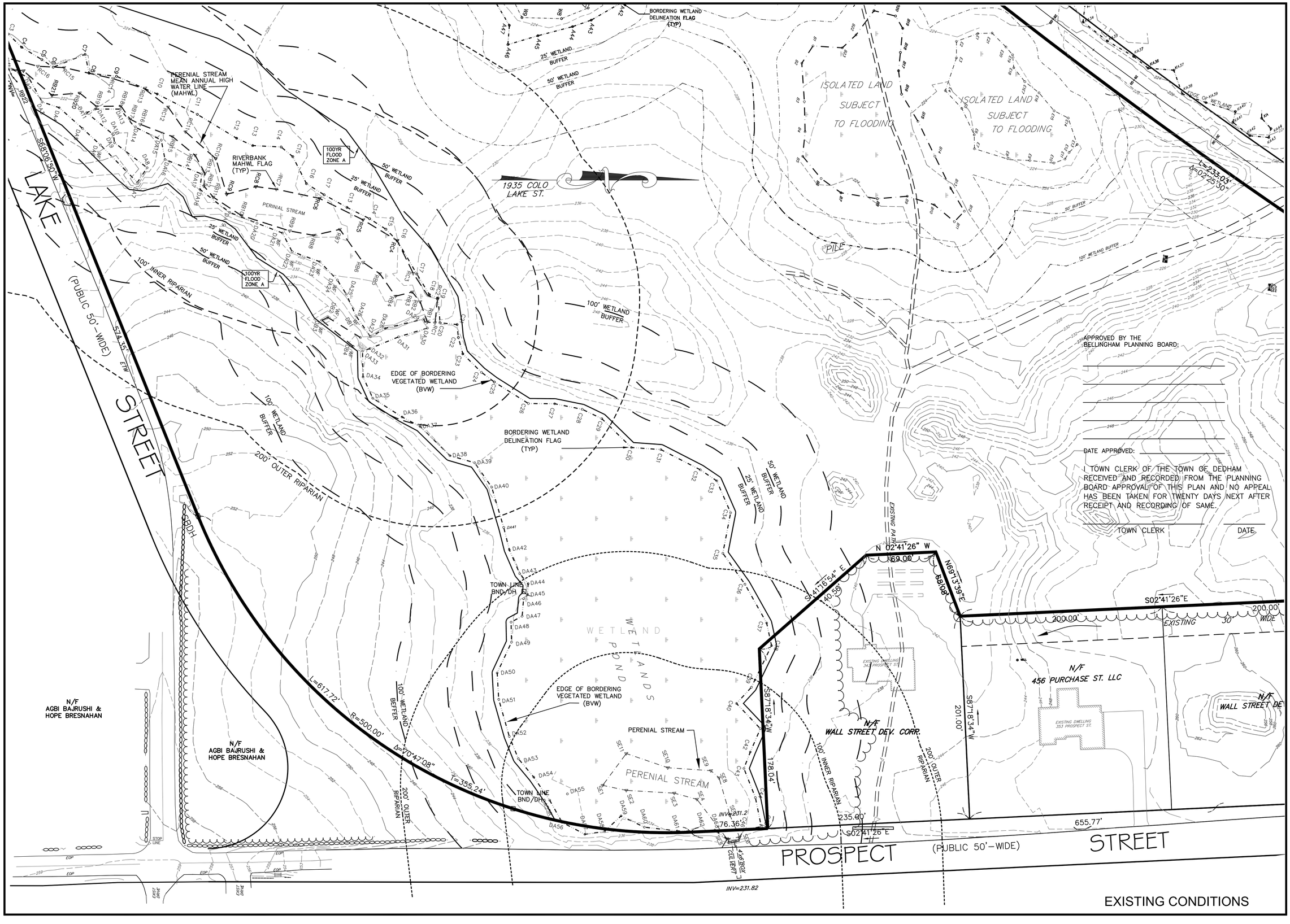
JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"=120'
SHEET:	2 of 43
PLAN #:	27,871

EXISTING
INDEX SHEET



EXISTING CONDITIONS

REVISIONS		
No.	DATE	DESCRIPTION
1	04/02/2024	WETLAND DELINEATION
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SITE DEVELOPMENT PLAN "PROSPECT HILL VILLAGE" A MULTI-UNIT RESIDENTIAL DEVELOPMENT BELLINGHAM, MASSACHUSETTS

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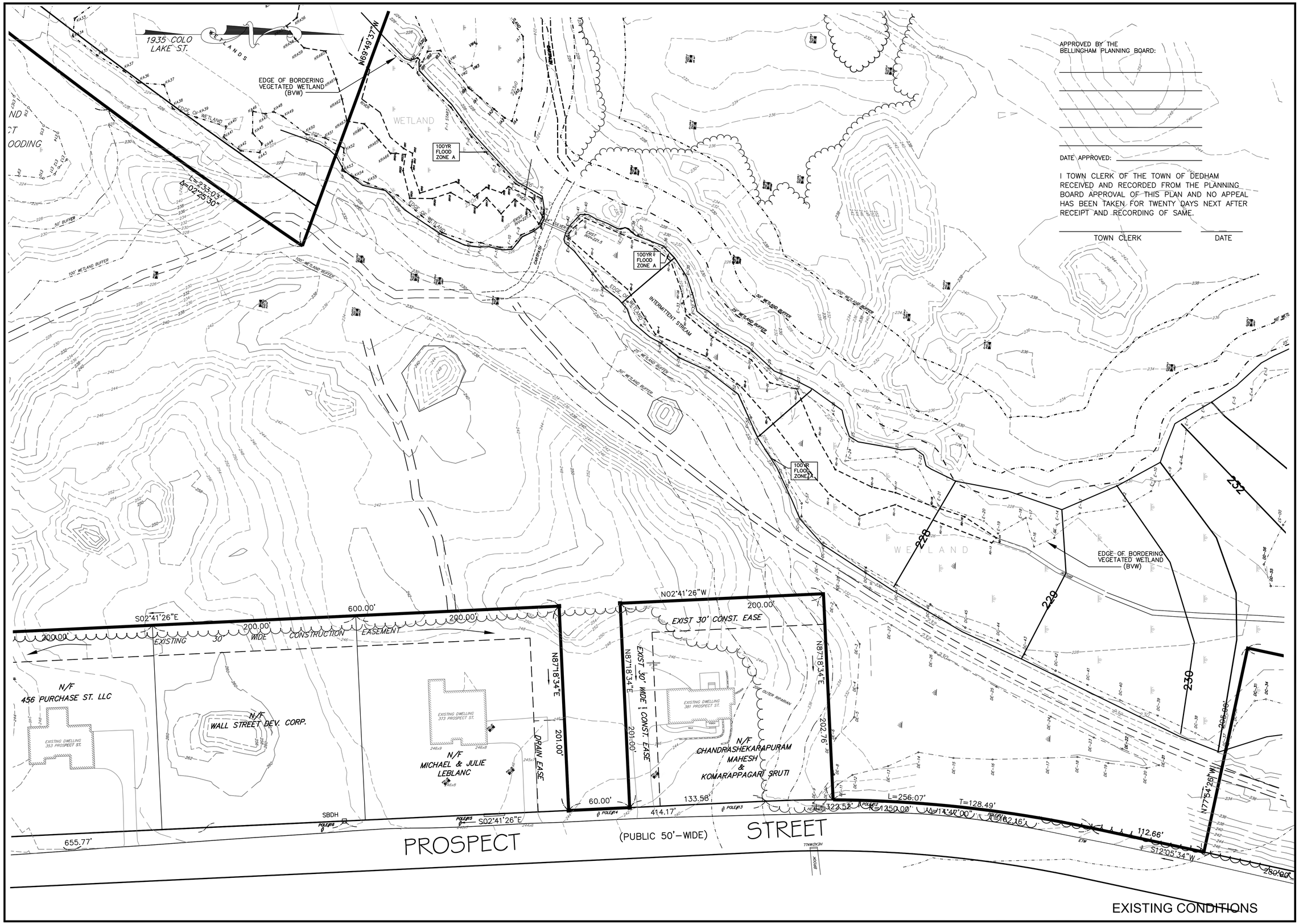
JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"=40'
SHEET:	3 of 43
PLAN #:	27,871



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No.	DATE	DESCRIPTION
1	04/02/2024	WETLAND DELINEATION
2	07/15/2024	PLG BRD ENG COMMENTS
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SITE DEVELOPMENT PLAN "PROSPECT HILL VILLAGE" A MULTI-UNIT RESIDENTIAL DEVELOPMENT BELLINGHAM, MASSACHUSETTS

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DATE:	NOV. 30, 2023
SCALE:	1"=40'
SHEET:	4 of 43
PLAN #:	27,871

I TOWN CLERK OF THE TOWN OF DEDHAM RECEIVED AND RECORDED FROM THE PLANNING BOARD APPROVAL OF THIS PLAN AND NO APPEAL HAS BEEN TAKEN FOR TWENTY DAYS NEXT AFTER RECEIPT AND RECORDING OF SAME.

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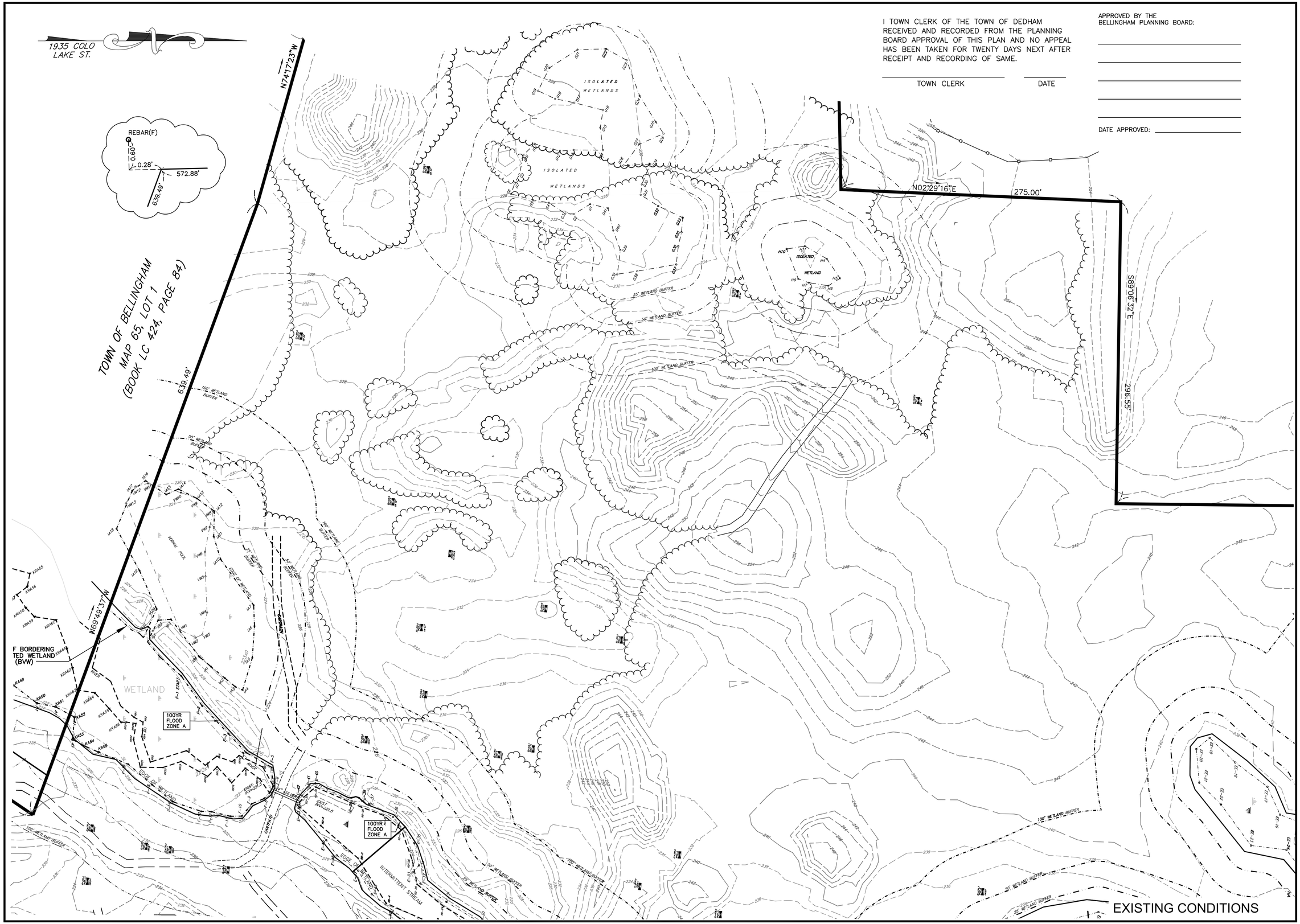
DATE APPROVED: _____



REVISIONS		
No.	DATE	DESCRIPTION
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SITE DEVELOPMENT PLAN
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A MULTI-UNIT RESIDENTIAL DEVELOPMENT
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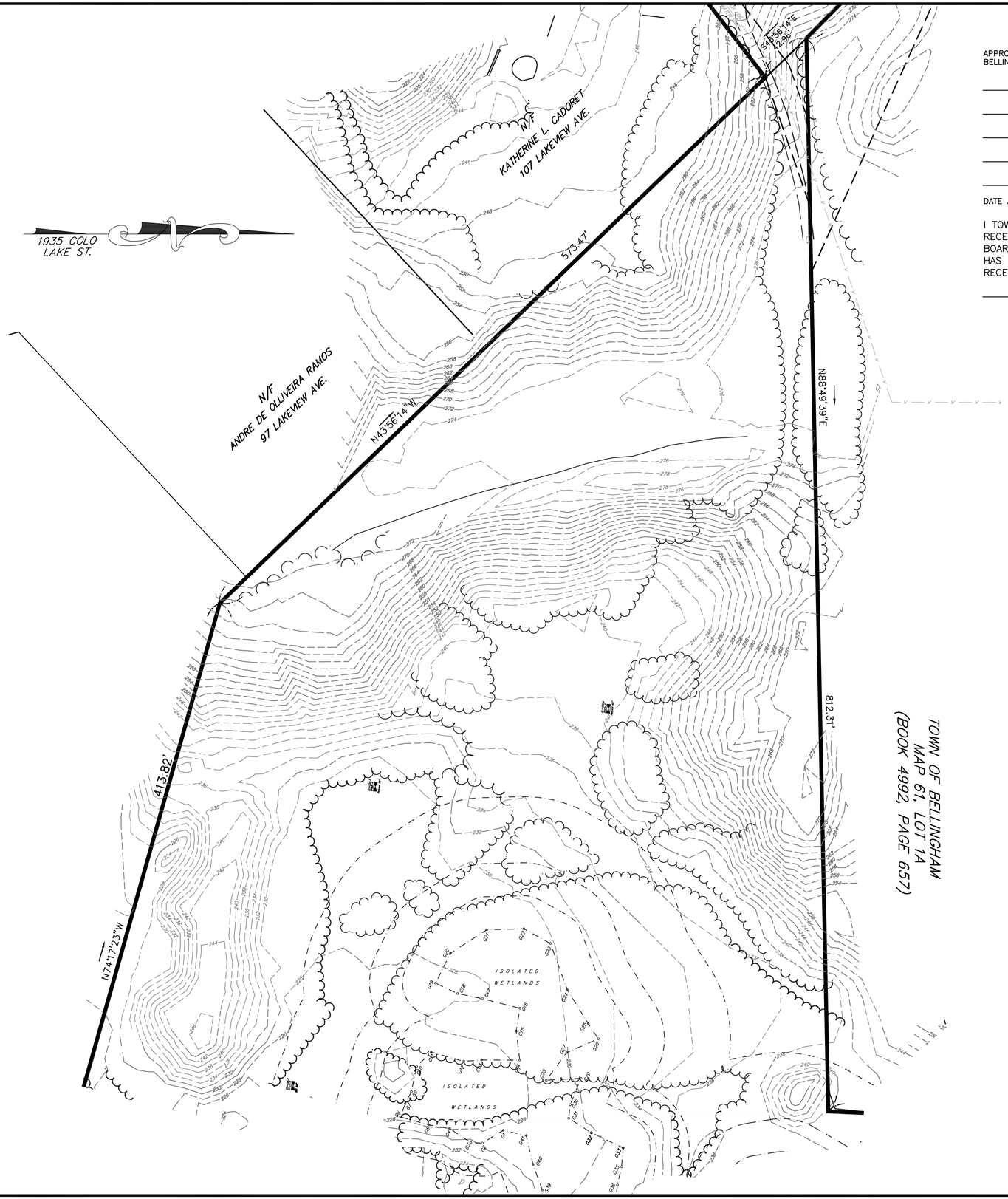
JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"=40'
SHEET:	5 of 43
PLAN #:	27,871



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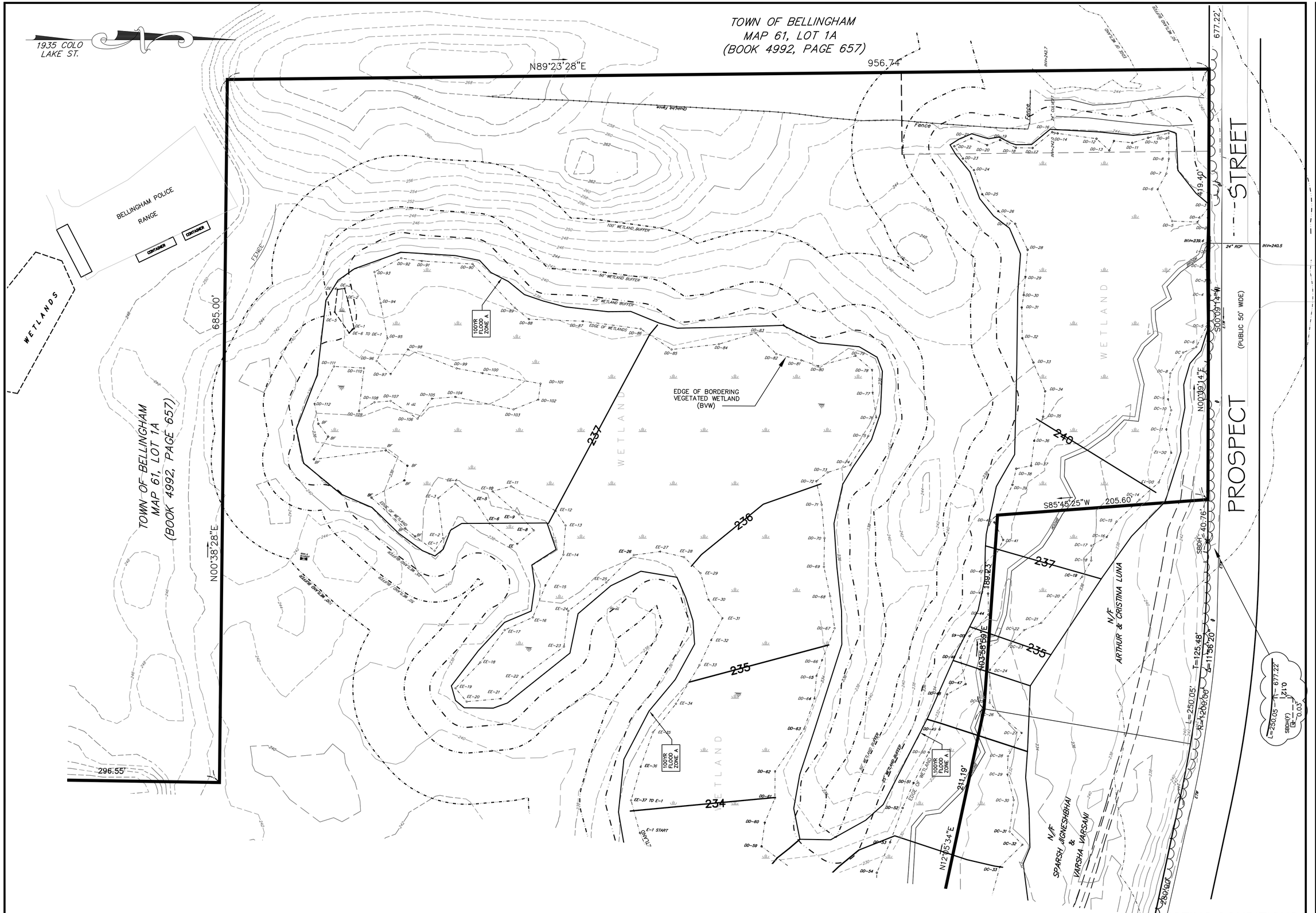
JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"=40'
SHEET:	6 of 43
PLAN #:	27,871



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No.	DATE	DESCRIPTION
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SITE DEVELOPMENT PLAN
"PROSPECT HILL VILLAGE"
A MULTI-UNIT RESIDENTIAL DEVELOPMENT
BELLINGHAM, MASSACHUSETTS

PREPARED FOR:
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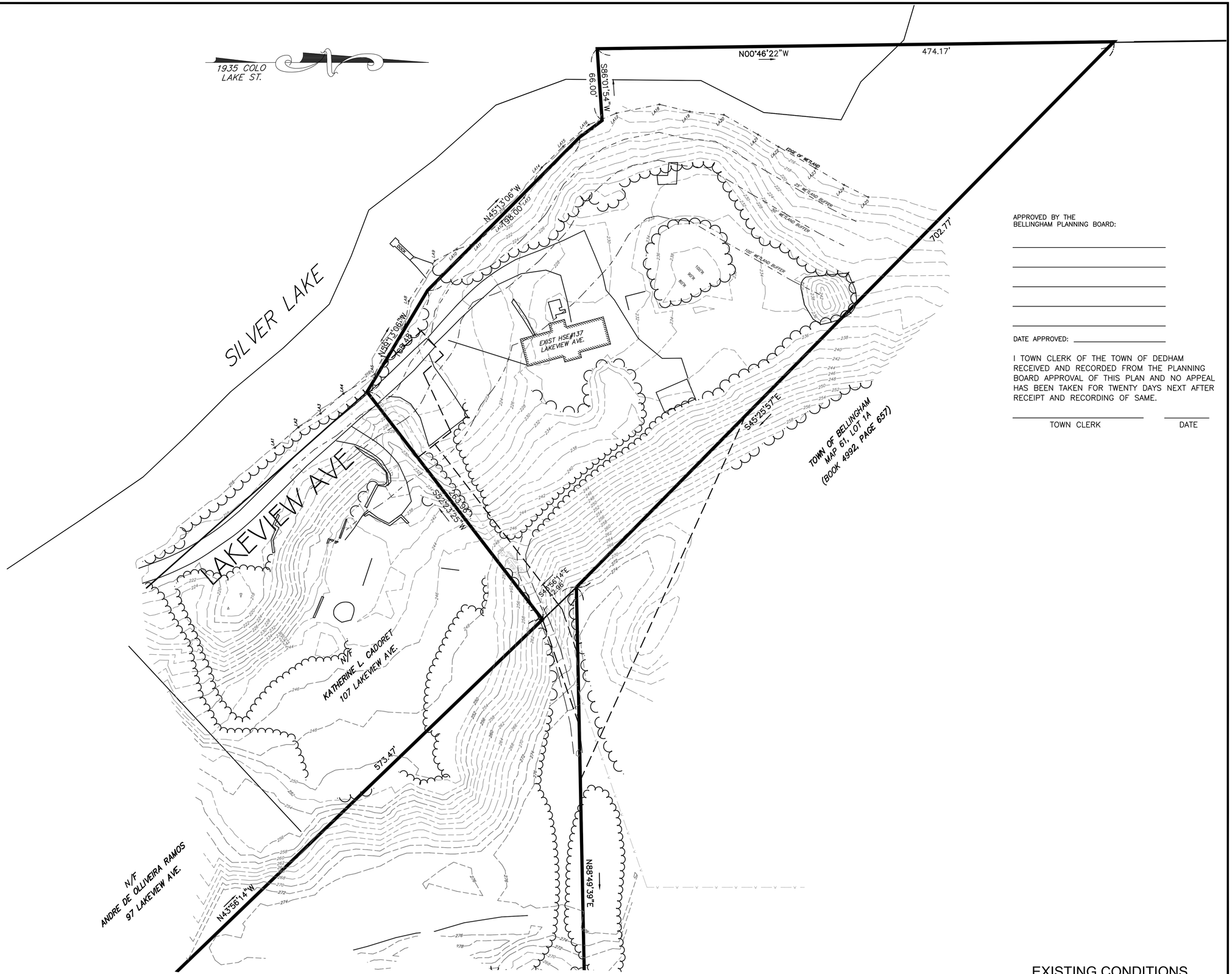
JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"=40'
SHEET:	7 of 43
PLAN #:	27,871



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SITE DEVELOPMENT PLAN
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JOB No.	16,590
DATE:	NOV. 30, 2023
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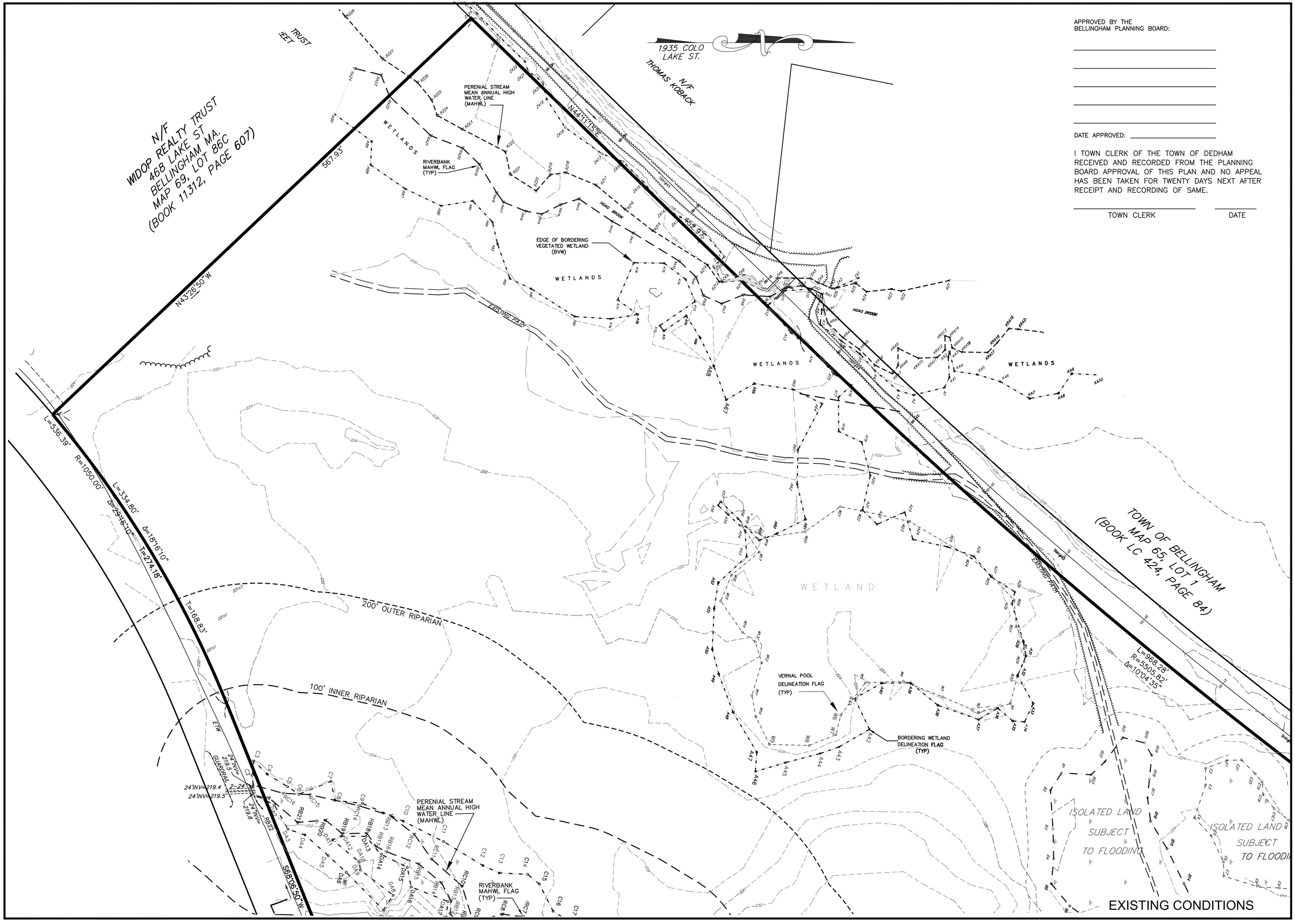
SHEET:	8 of 43
PLAN #:	27,871



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SITE DEVELOPMENT PLAN
"PROSPECT HILL VILLAGE"
A MULTI-UNIT RESIDENTIAL DEVELOPMENT
BELLINGHAM, MASSACHUSETTS

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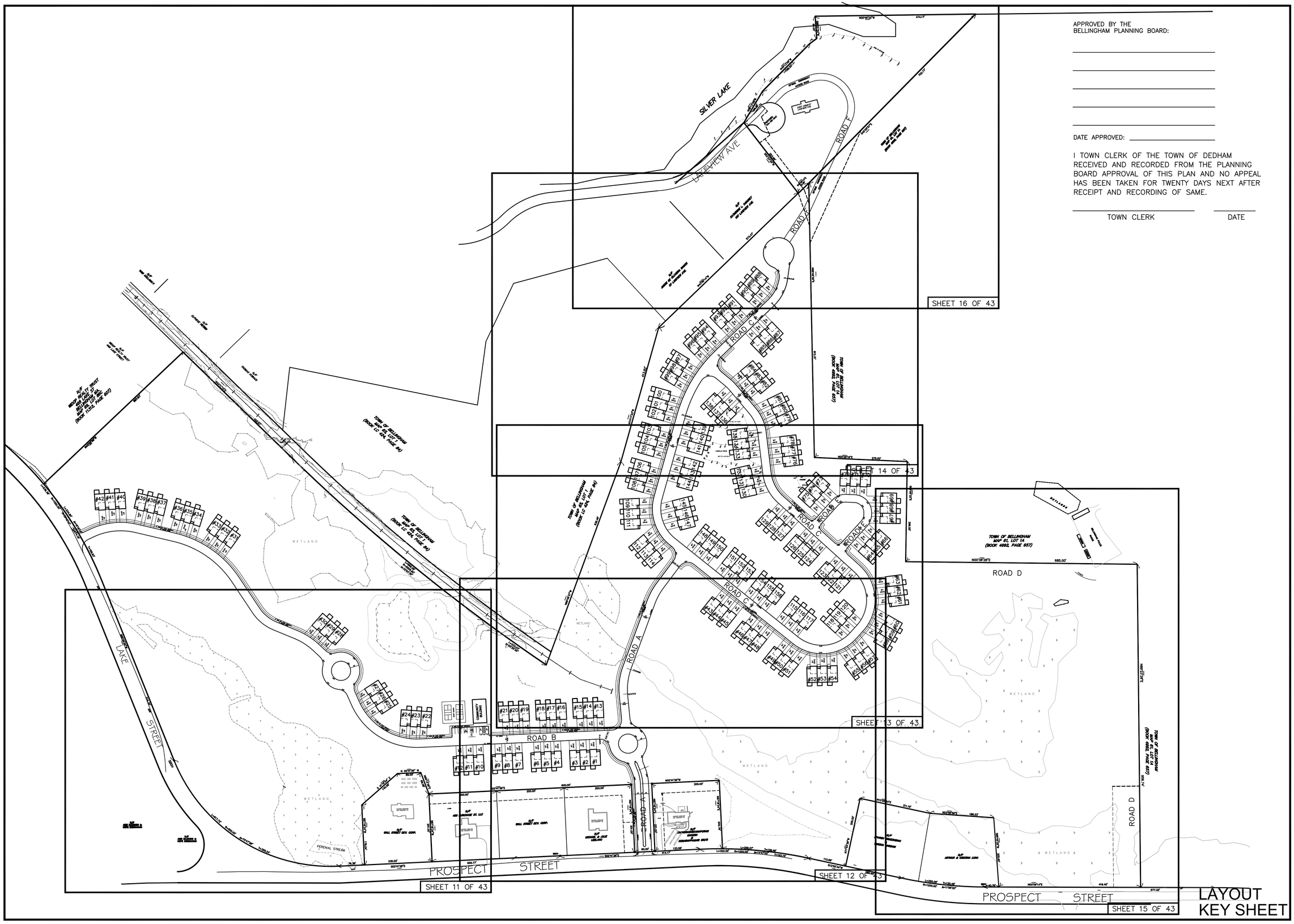
JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"=40'
SHEET:	9 of 43
PLAN #:	27,871



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BELLINGHAM PLANNING BOARD:

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SITE DEVELOPMENT PLAN
"PROSPECT HILL VILLAGE"
A MULTI-UNIT RESIDENTIAL DEVELOPMENT
BELLINGHAM, MASSACHUSETTS

PREPARED FOR:
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P.O. BOX 272
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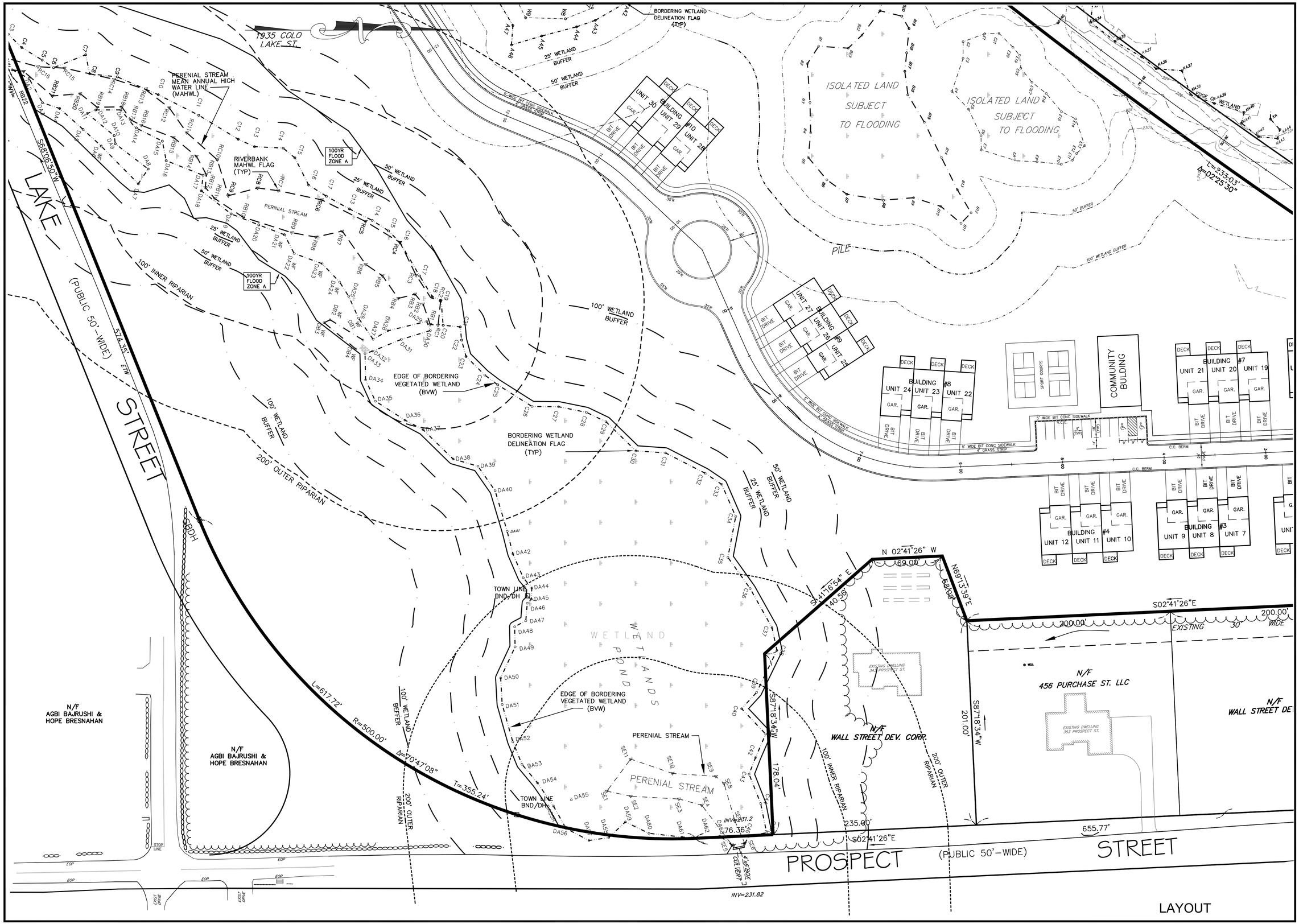
JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"=120'
SHEET:	10 of 43
PLAN #:	27,871

LAYOUT
KEY SHEET



LAYOUT

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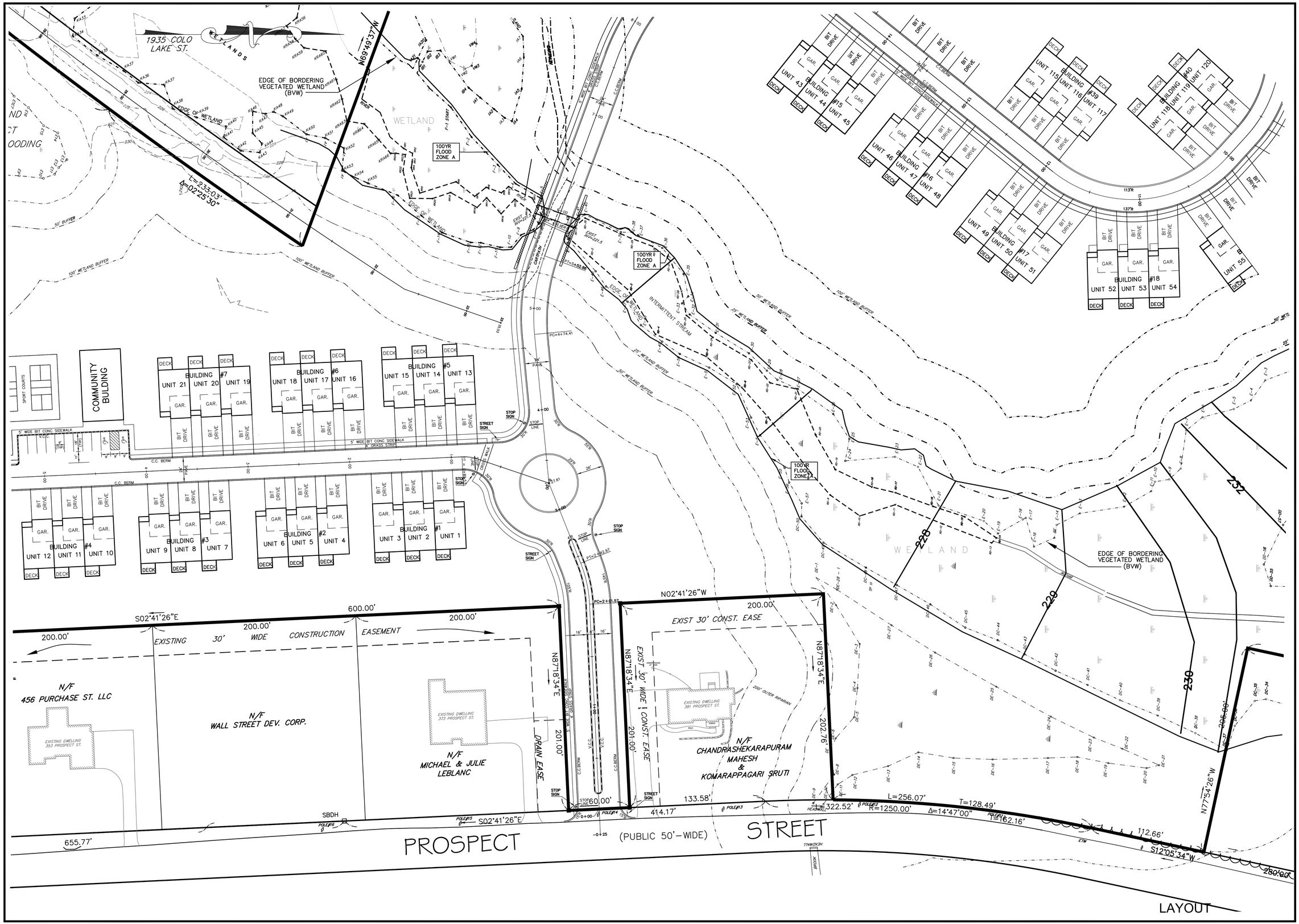
JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"=40'
SHEET:	11 of 43
PLAN #:	27,871



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JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"=40'
SHEET:	12 of 43
PLAN #:	27,871

I TOWN CLERK OF THE TOWN OF DEDHAM RECEIVED AND RECORDED FROM THE PLANNING BOARD APPROVAL OF THIS PLAN AND NO APPEAL HAS BEEN TAKEN FOR TWENTY DAYS NEXT AFTER RECEIPT AND RECORDING OF SAME.

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APPROVED BY THE BELLINGHAM PLANNING BOARD:

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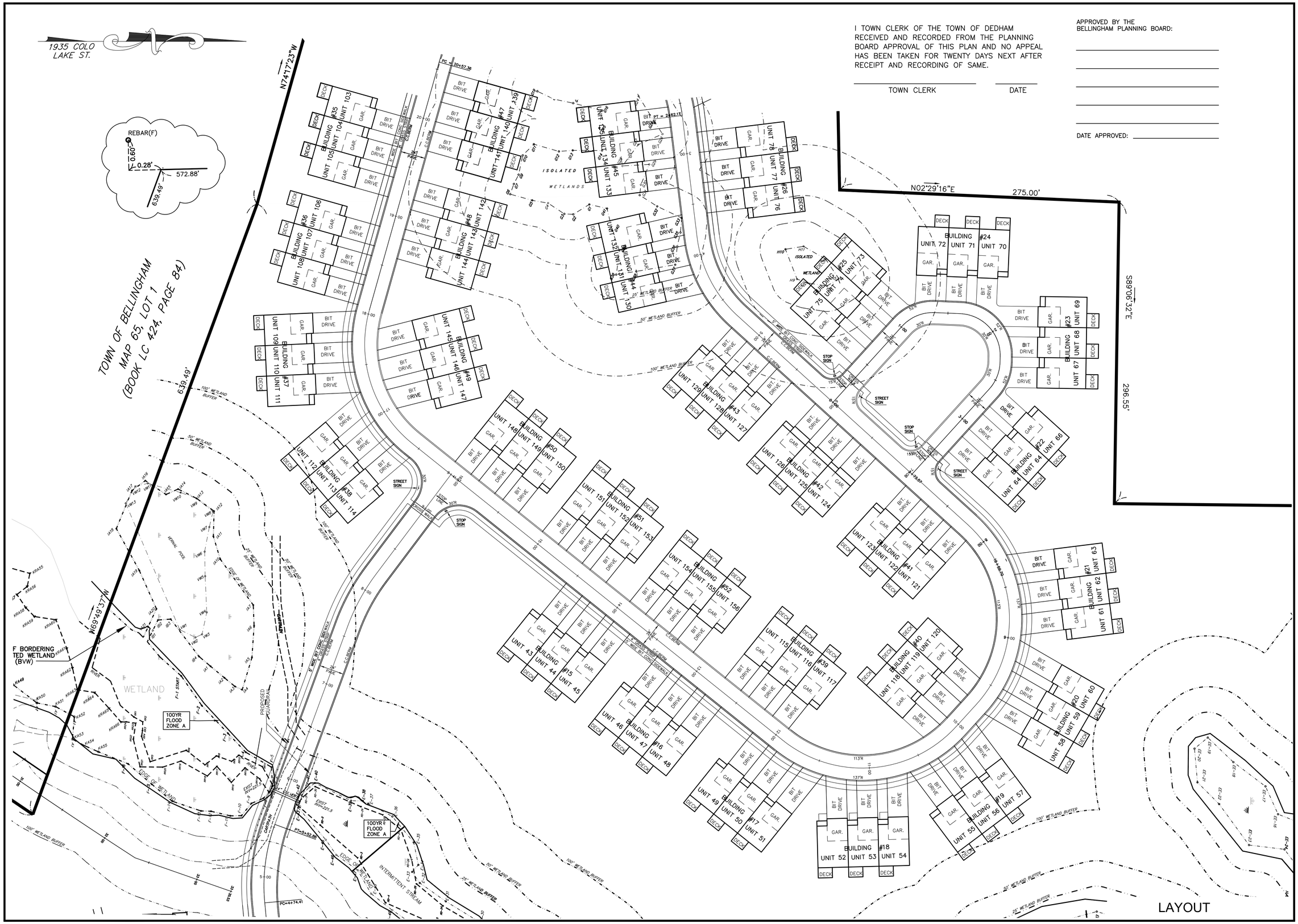

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DATE:	NOV. 30, 2023
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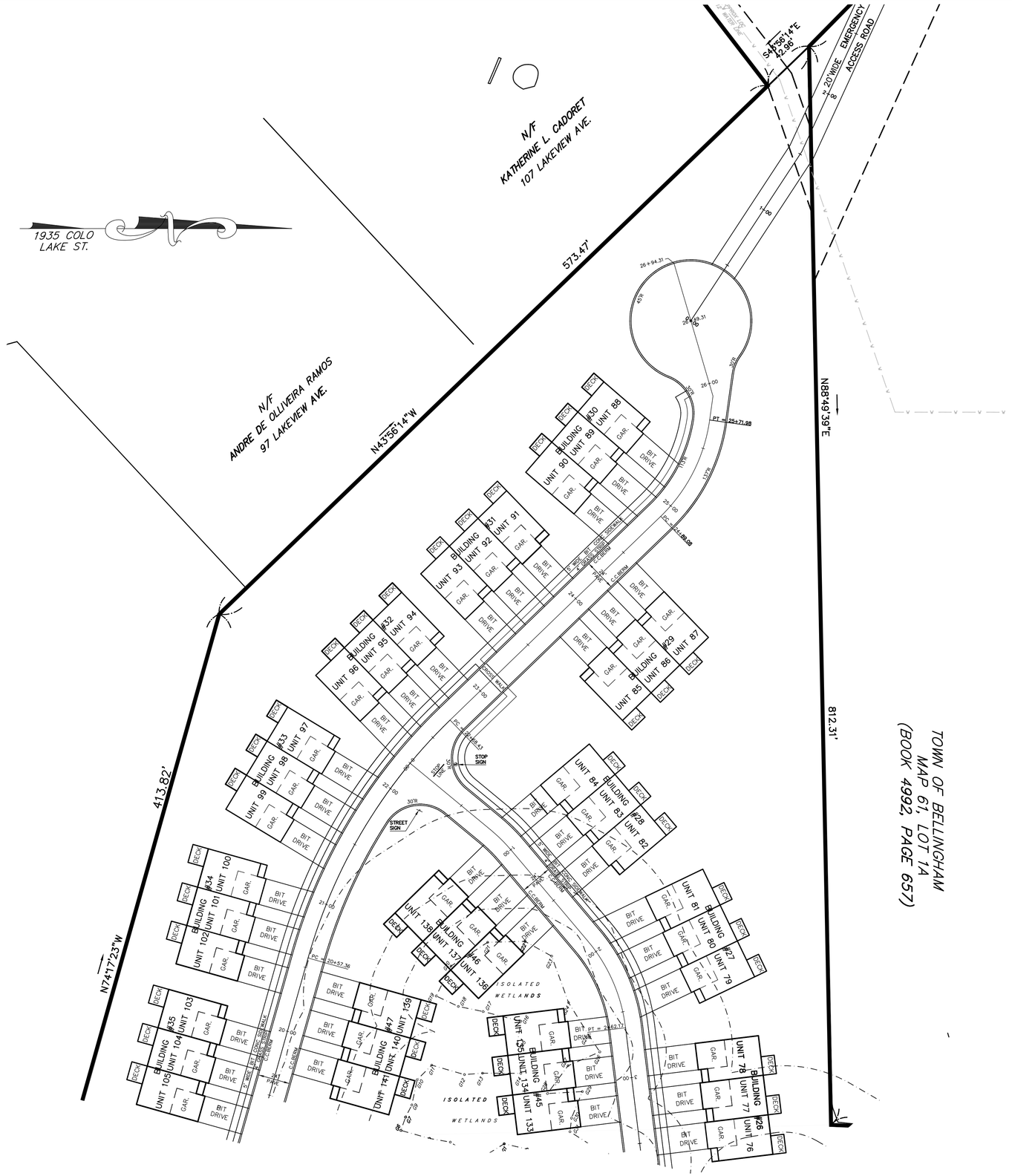

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JOB No.	16,590
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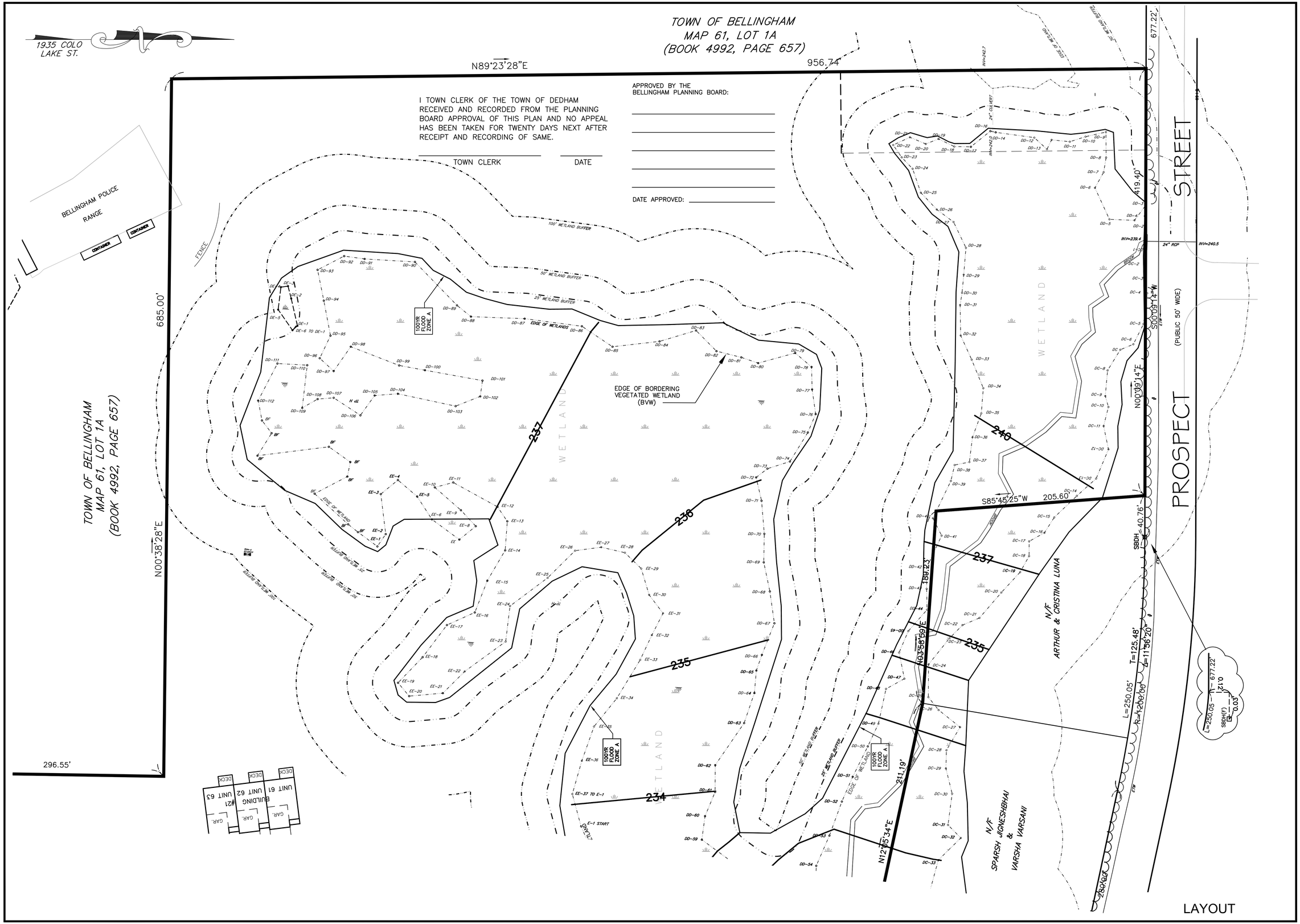
SHEET:	14 of 43
PLAN #:	27,871



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SHEET:	15 of 43
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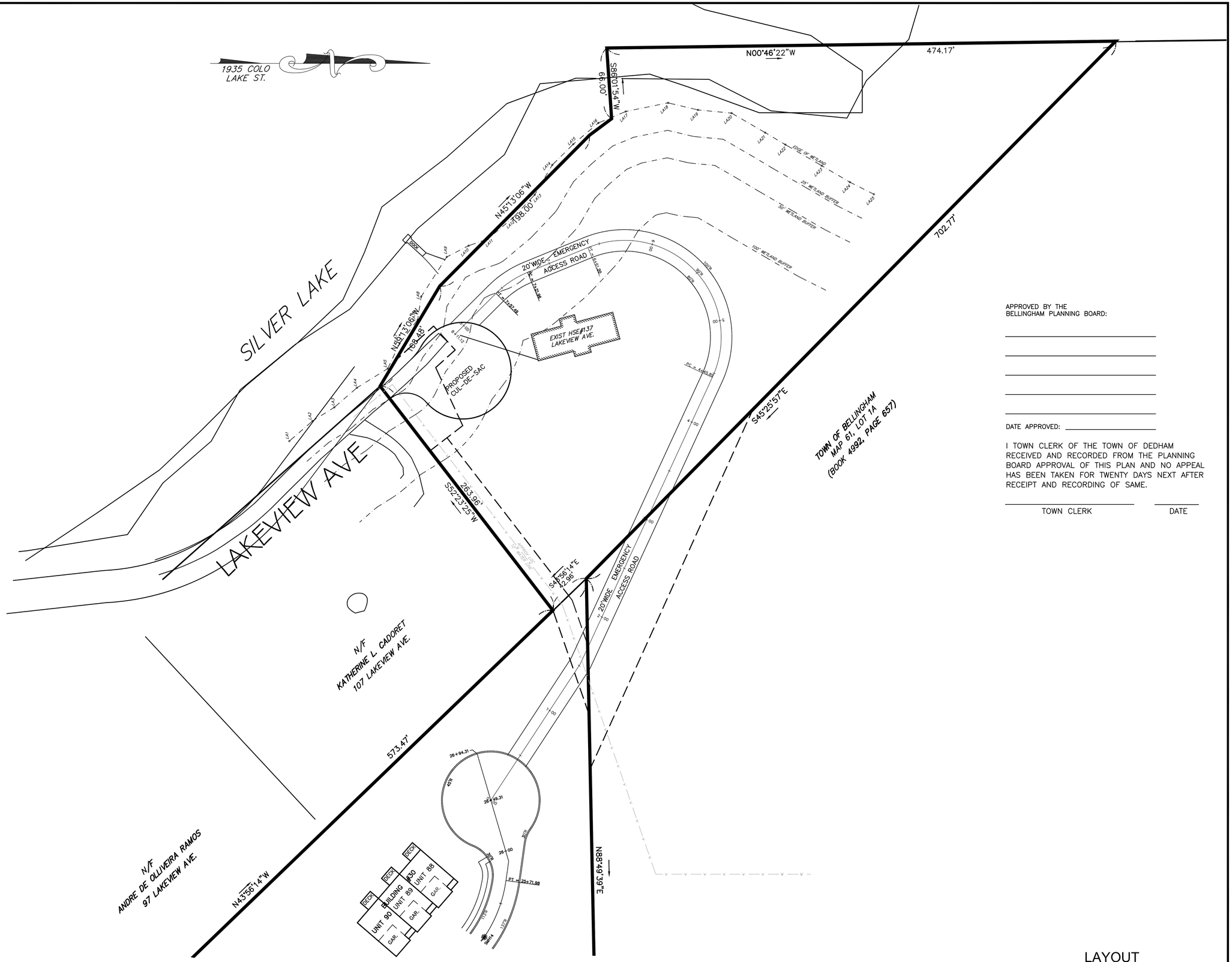

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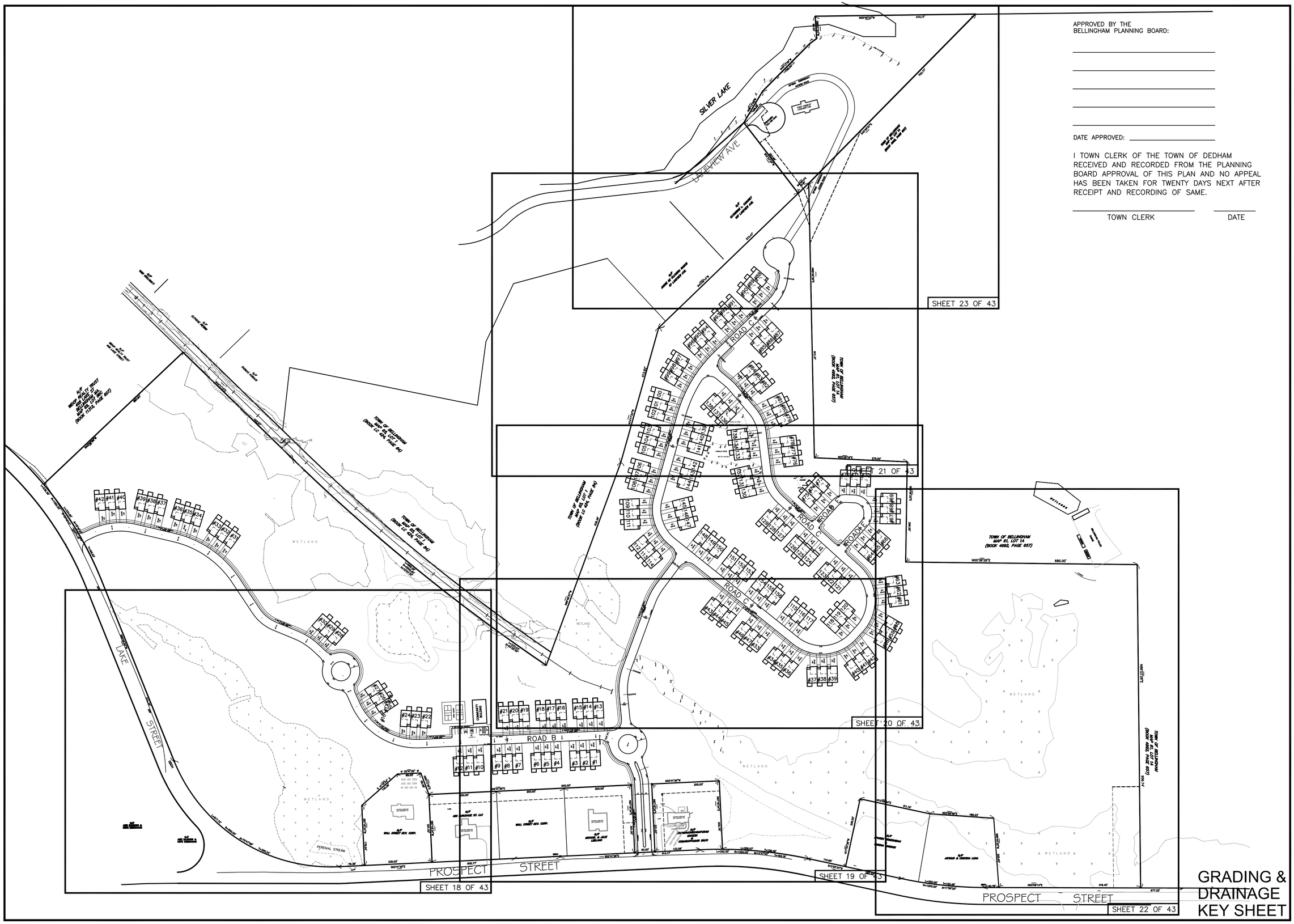

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DATE APPROVED: _____

I TOWN CLERK OF THE TOWN OF DEDHAM RECEIVED AND RECORDED FROM THE PLANNING BOARD APPROVAL OF THIS PLAN AND NO APPEAL HAS BEEN TAKEN FOR TWENTY DAYS NEXT AFTER RECEIPT AND RECORDING OF SAME.

_____ _____
TOWN CLERK DATE

REVISIONS

No.	DATE	DESCRIPTION
1	04/02/2024	WETLAND DELINEATION
2	07/15/2024	PLG BRD ENG COMMENTS
3	09/26/2024	NEW ROAD LAYOUT (LAKE ST)

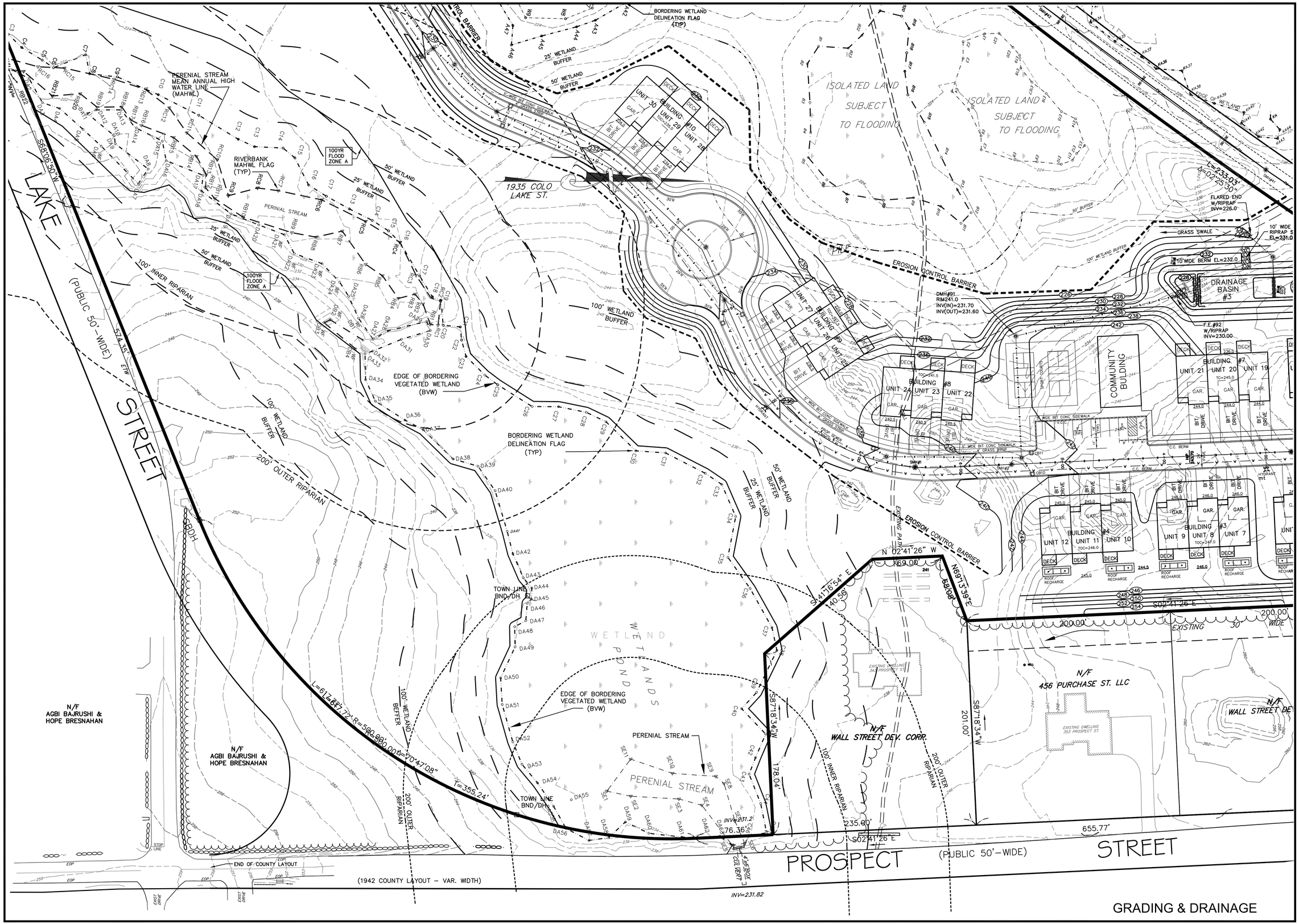
SITE DEVELOPMENT PLAN
"PROSPECT HILL VILLAGE"
A MULTI-UNIT RESIDENTIAL DEVELOPMENT
BELLINGHAM, MASSACHUSETTS

PREPARED FOR:
WALL STREET DEVELOPMENT CORP.
P.O. BOX 272
WESTWOOD, MASSACHUSETTS

GLM Engineering Consultants, Inc.
19 EXCHANGE STREET
HOLLISTON, MA 01746
P: 508-429-1100
F: 508-429-7160
www.GLMengineering.com

JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"=120'
SHEET:	17 of 43
PLAN #:	27,871

GRADING & DRAINAGE KEY SHEET



GRADING & DRAINAGE

REVISIONS		
No.	DATE	DESCRIPTION
1	04/02/2024	WETLAND DELINEATION
2	07/15/2024	PLG BRD ENG COMMENTS
3	09/26/2024	NEW ROAD LAYOUT (LAKE ST)

SITE DEVELOPMENT PLAN
"PROSPECT HILL VILLAGE"
A MULTI-UNIT RESIDENTIAL DEVELOPMENT
BELLINGHAM, MASSACHUSETTS

PREPARED FOR:
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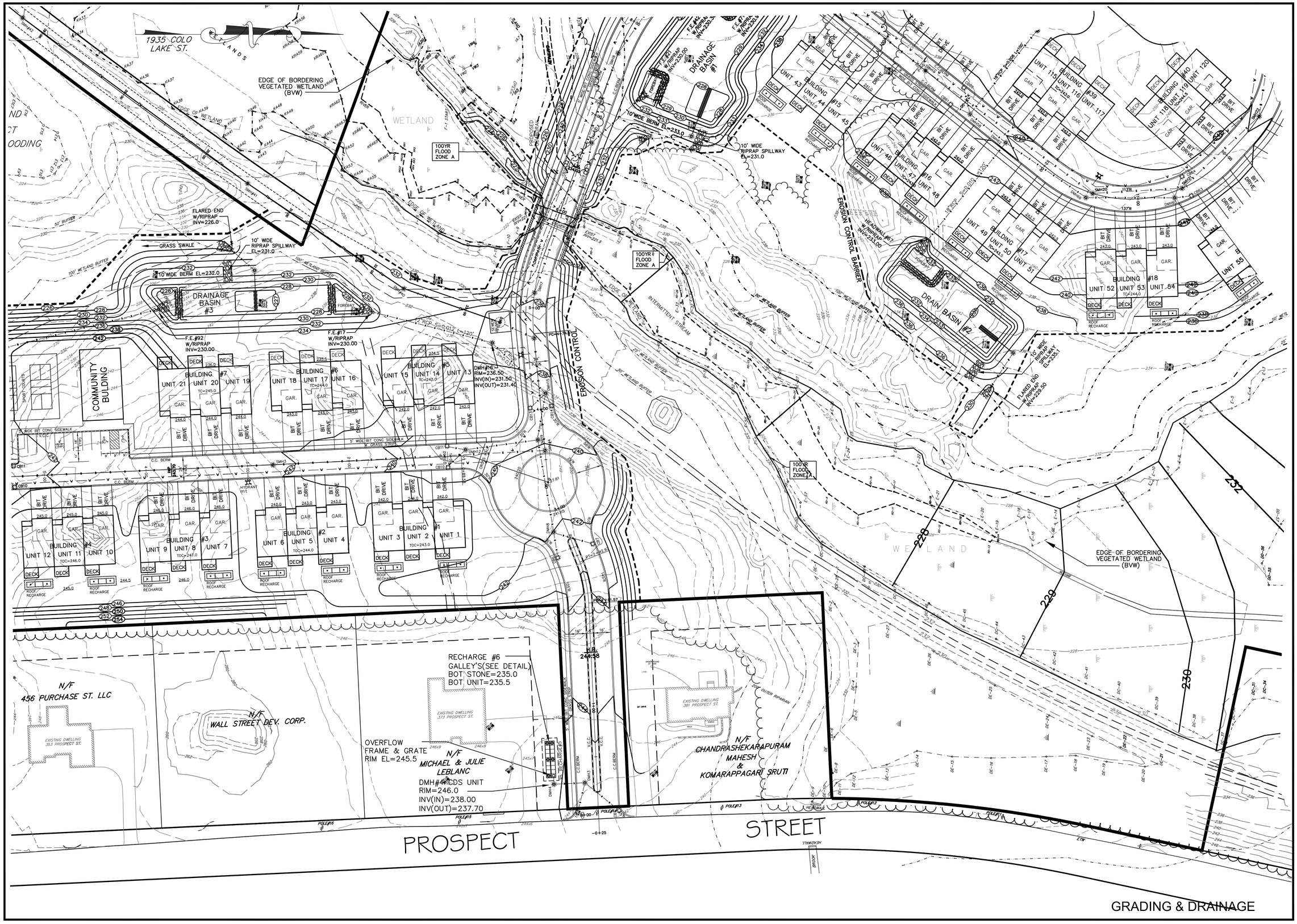
www.GLMengineering.com

JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"=40'
SHEET:	18 of 43
PLAN #:	27,871



GRADING & DRAINAGE

REVISIONS		
No.	DATE	DESCRIPTION
1	04/02/2024	WETLAND DELINEATION
2	07/15/2024	PLG BRD ENG COMMENTS
3	09/26/2024	NEW ROAD LAYOUT (LAKE ST)

SITE DEVELOPMENT PLAN "PROSPECT HILL VILLAGE" A MULTI-UNIT RESIDENTIAL DEVELOPMENT BELLINGHAM, MASSACHUSETTS

PREPARED FOR:
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JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"=40'
SHEET:	19 of 43
PLAN #:	27,871

I TOWN CLERK OF THE TOWN OF DEDHAM RECEIVED AND RECORDED FROM THE PLANNING BOARD APPROVAL OF THIS PLAN AND NO APPEAL HAS BEEN TAKEN FOR TWENTY DAYS NEXT AFTER RECEIPT AND RECORDING OF SAME.

TOWN CLERK _____ DATE _____

APPROVED BY THE BELLINGHAM PLANNING BOARD:

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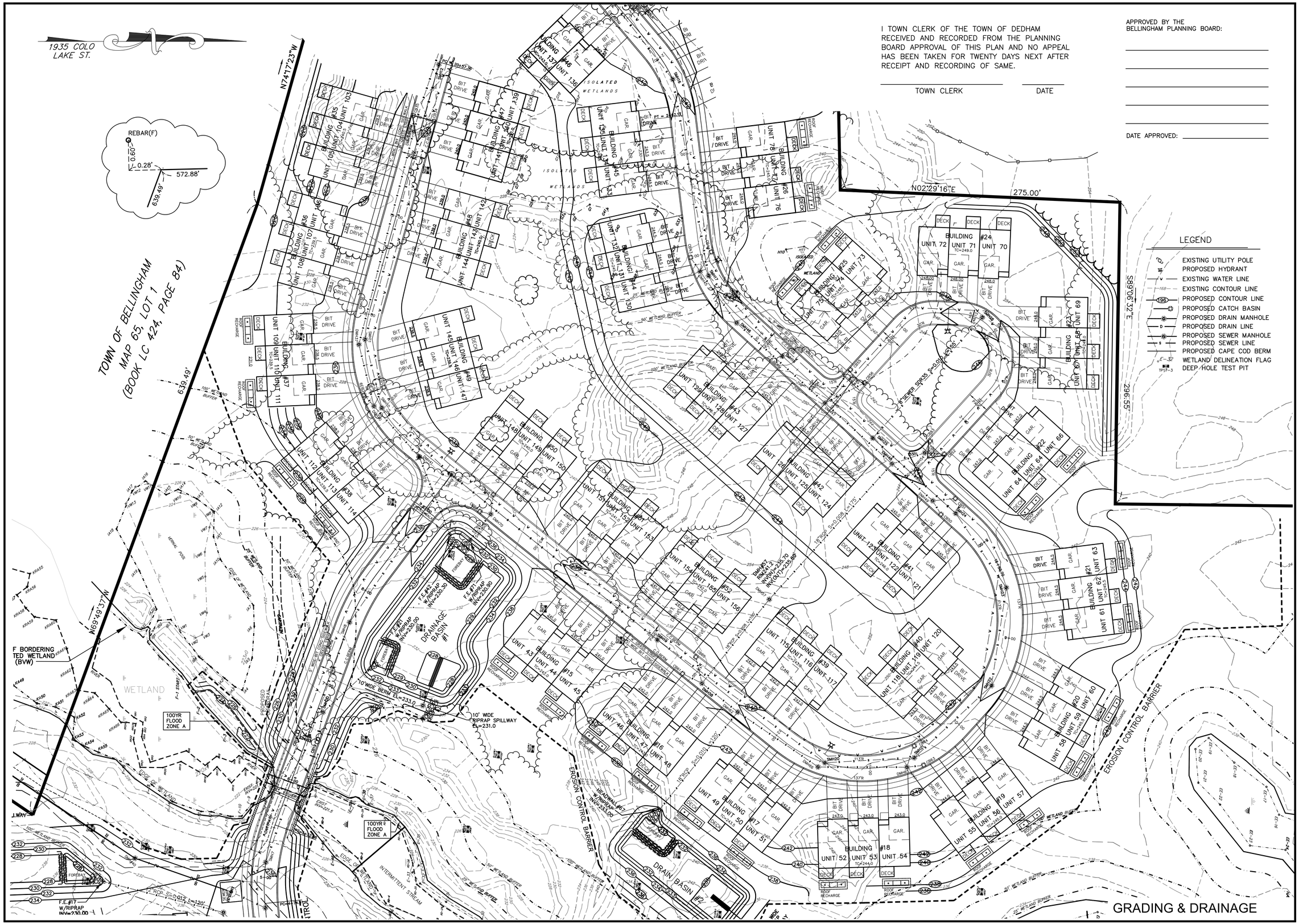
DATE APPROVED: _____



GRADING & DRAINAGE

REVISIONS		
No.	DATE	DESCRIPTION
1	04/02/2024	WETLAND DELINEATION
2	07/15/2024	PLG BRD ENG COMMENTS
3	09/26/2024	NEW ROAD LAYOUT (LAKE ST)

SITE DEVELOPMENT PLAN "PROSPECT HILL VILLAGE" A MULTI-UNIT RESIDENTIAL DEVELOPMENT BELLINGHAM, MASSACHUSETTS

PREPARED FOR:
WALL STREET DEVELOPMENT CORP.
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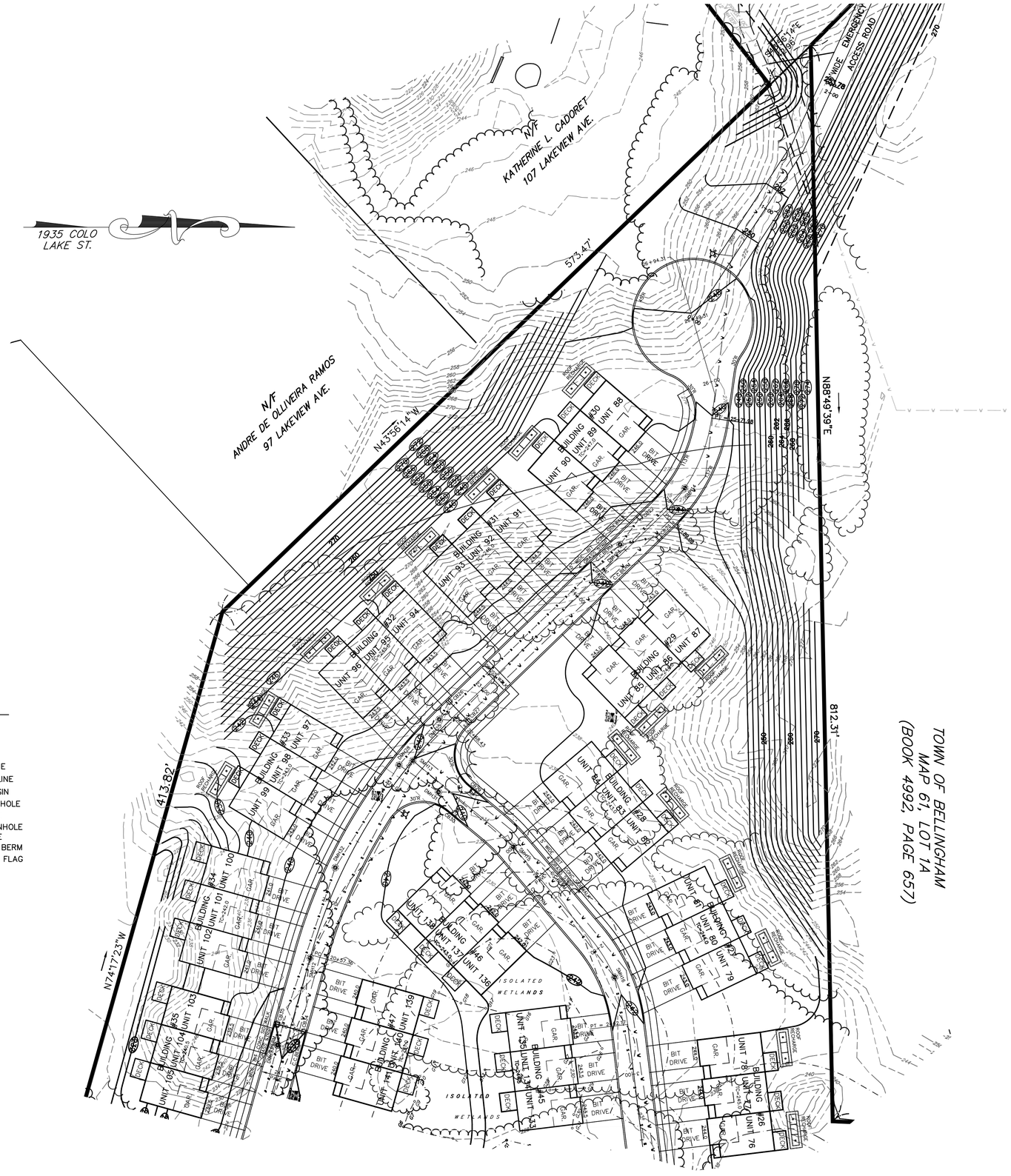
JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"=40'
SHEET:	20 of 43
PLAN #:	27,871



LEGEND

- EXISTING UTILITY POLE
- PROPOSED HYDRANT
- EXISTING WATER LINE
- EXISTING CONTOUR LINE
- PROPOSED CONTOUR LINE
- PROPOSED CATCH BASIN
- PROPOSED DRAIN MANHOLE
- PROPOSED DRAIN LINE
- PROPOSED SEWER MANHOLE
- PROPOSED SEWER LINE
- PROPOSED CAPE COD BERM
- WETLAND DELINEATION FLAG
- DEEP HOLE TEST PIT

APPROVED BY THE BELLINGHAM PLANNING BOARD:

DATE APPROVED: _____

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TOWN CLERK _____ DATE _____

GRADING & DRAINAGE

REVISIONS

No.	DATE	DESCRIPTION
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2	07/15/2024	PLG BRD ENG COMMENTS
3	09/26/2024	NEW ROAD LAYOUT (LAKE ST)

SITE DEVELOPMENT PLAN
"PROSPECT HILL VILLAGE"
A MULTI-UNIT RESIDENTIAL DEVELOPMENT
BELLINGHAM, MASSACHUSETTS

PREPARED FOR:
WALL STREET DEVELOPMENT CORP.
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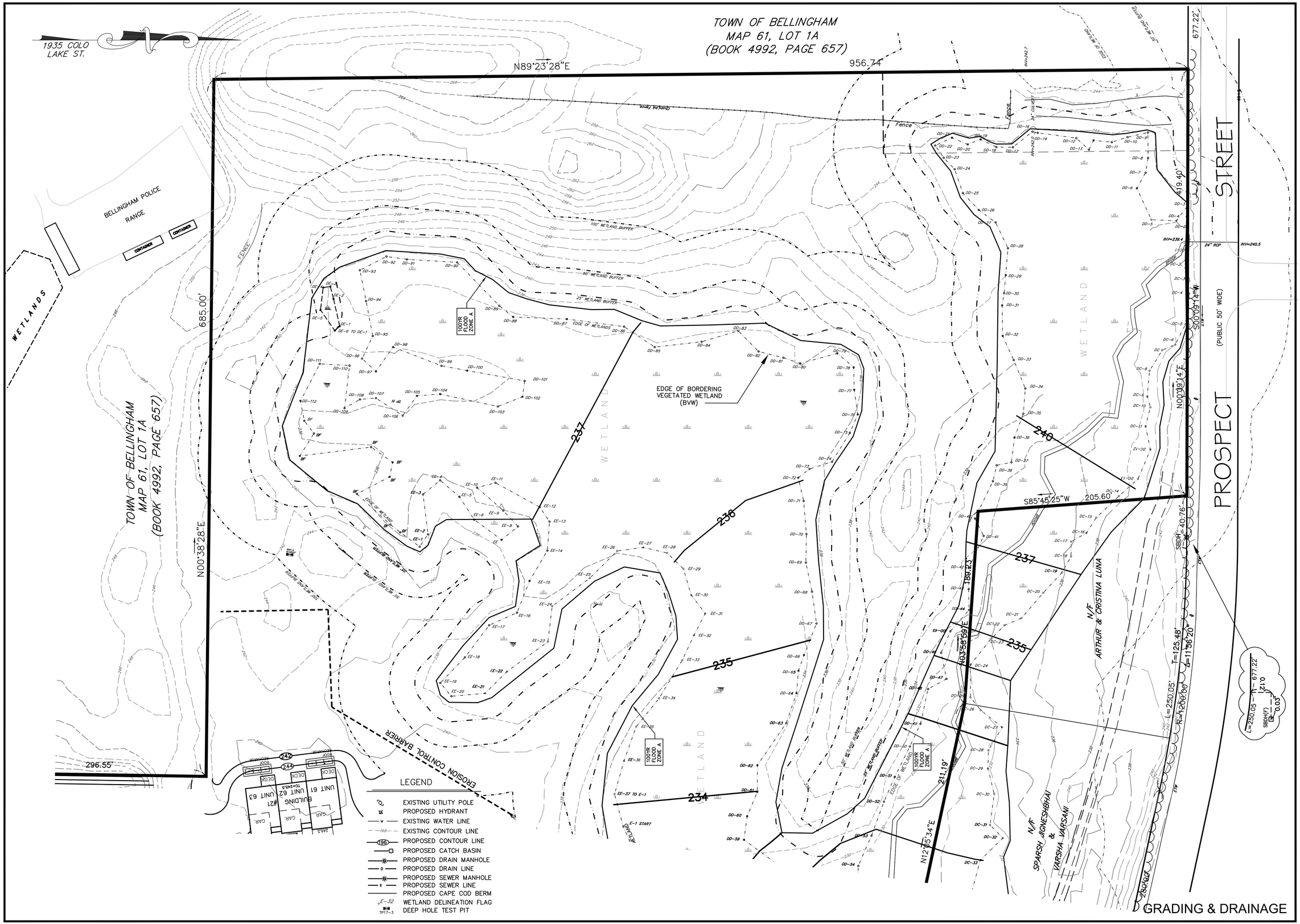
JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"=40'
SHEET:	21 of 43
PLAN #:	27,871



GRADING & DRAINAGE

REVISIONS		
No.	DATE	DESCRIPTION
1	04/02/2024	WETLAND DELINEATION
2	07/15/2024	PLG BRD ENG COMMENTS
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SITE DEVELOPMENT PLAN
"PROSPECT HILL VILLAGE"
A MULTI-UNIT RESIDENTIAL DEVELOPMENT
BELLINGHAM, MASSACHUSETTS

PREPARED FOR:
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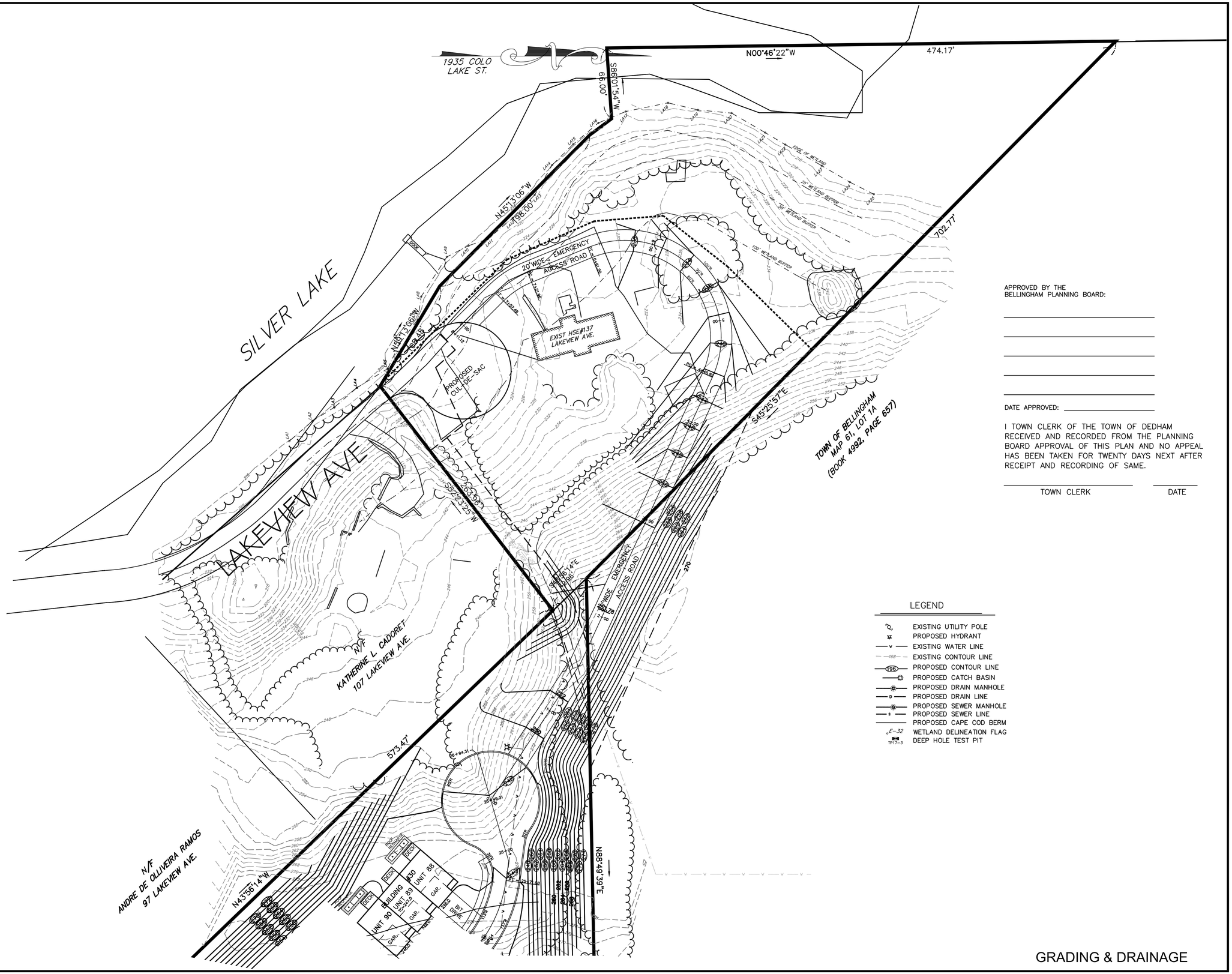
JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"=40'
SHEET:	22 of 43
PLAN #:	27,871



APPROVED BY THE
BELLINGHAM PLANNING BOARD:

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DATE APPROVED: _____

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TOWN CLERK _____ DATE _____

LEGEND

- EXISTING UTILITY POLE
- PROPOSED HYDRANT
- EXISTING WATER LINE
- EXISTING CONTOUR LINE
- PROPOSED CONTOUR LINE
- PROPOSED CATCH BASIN
- PROPOSED DRAIN MANHOLE
- PROPOSED DRAIN LINE
- PROPOSED SEWER MANHOLE
- PROPOSED SEWER LINE
- PROPOSED CAPE COD BERM
- WETLAND DELINEATION FLAG
- DEEP HOLE TEST PIT

GRADING & DRAINAGE

REVISIONS

No.	DATE	DESCRIPTION
1	04/02/2024	WETLAND DELINEATION
2	07/15/2024	PLG BRD ENG COMMENTS
3	09/26/2024	NEW ROAD LAYOUT (LAKE ST)

SITE DEVELOPMENT PLAN
"PROSPECT HILL VILLAGE"
A MULTI-UNIT RESIDENTIAL DEVELOPMENT
BELLINGHAM, MASSACHUSETTS

PREPARED FOR:
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P.O. BOX 272
WESTWOOD, MASSACHUSETTS

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JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"=40'
SHEET:	23 of 43
PLAN #:	27,871

APPROVED BY THE
BELLINGHAM PLANNING BOARD:

DATE APPROVED:

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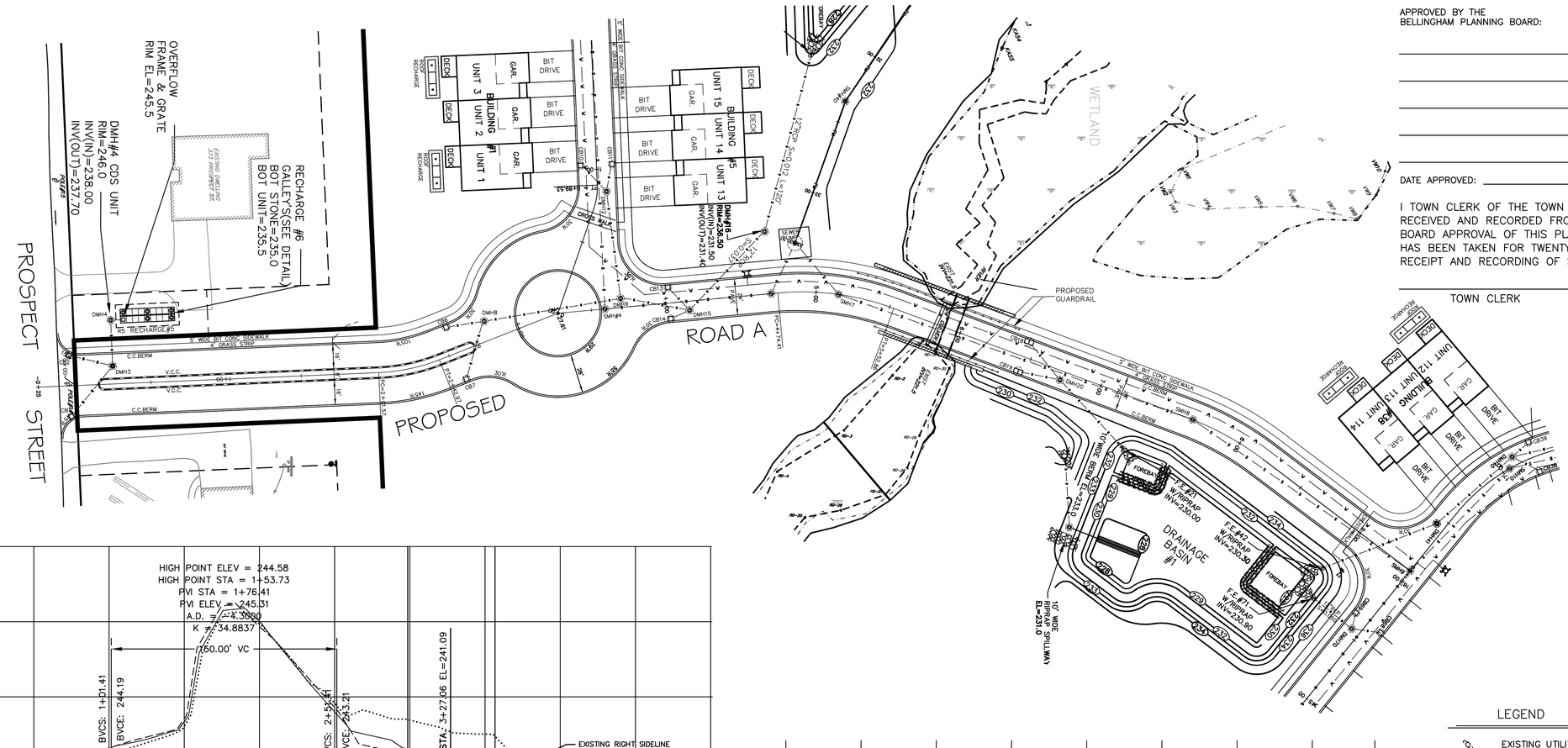
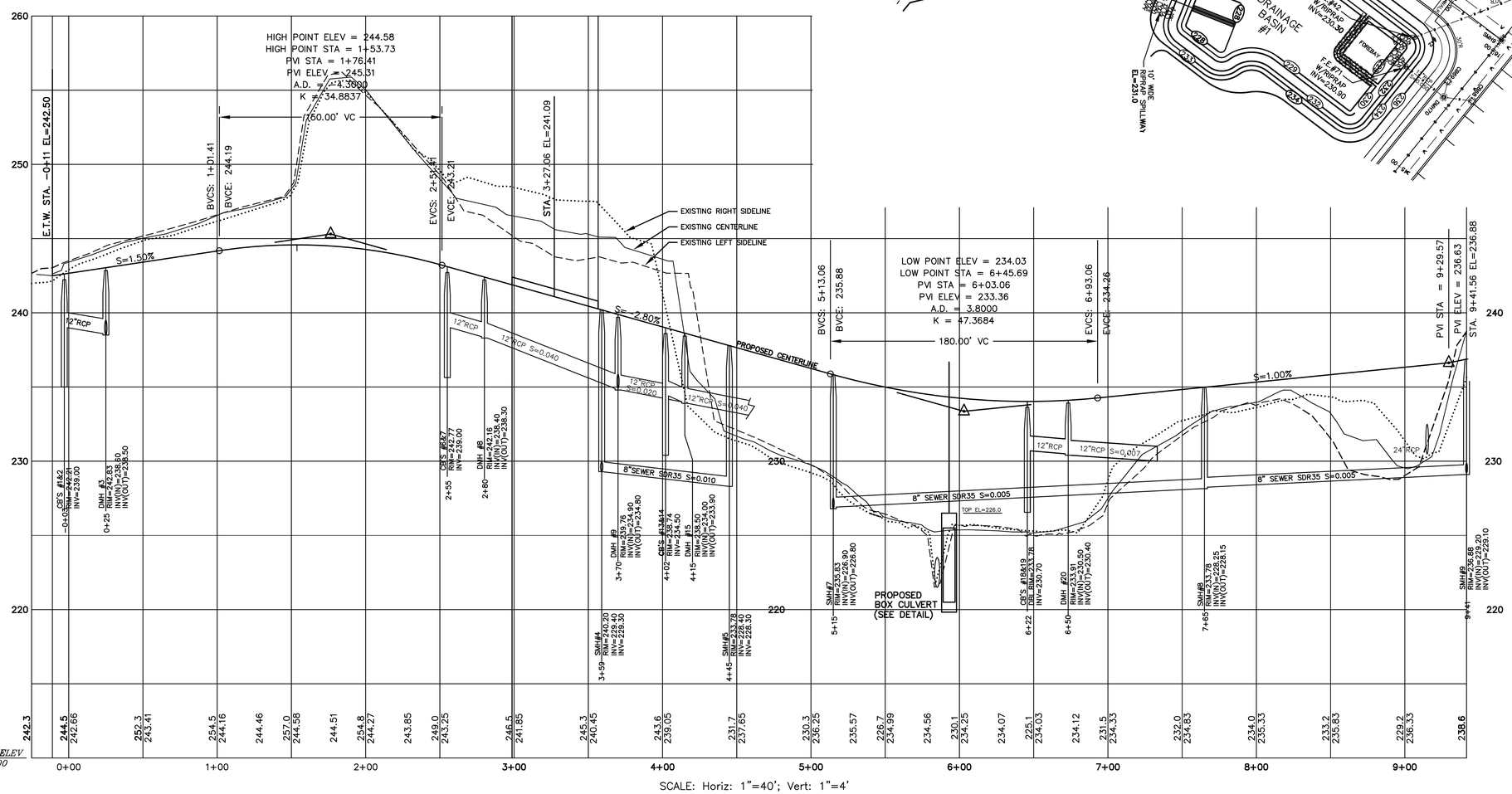
TOWN CLERK DATE





LEGEND

- EXISTING UTILITY POLE
- PROPOSED HYDRANT
- EXISTING WATER LINE
- EXISTING CONTOUR LINE
- PROPOSED CONTOUR LINE
- PROPOSED CATCH BASIN
- PROPOSED DRAIN MANHOLE
- PROPOSED DRAIN LINE
- PROPOSED SEWER MANHOLE
- PROPOSED SEWER LINE
- PROPOSED CAPE COD BERM
- WETLAND DELINEATION FLAG
- DEEP HOLE TEST PIT

PLAN & PROFILE ROAD A

REVISIONS

No.	DATE	DESCRIPTION
1	04/02/2024	WETLAND DELINEATION
2	07/15/2024	PLG BRD ENG COMMENTS
3	09/26/2024	NEW ROAD LAYOUT (LAKE ST)

SITE DEVELOPMENT PLAN "PROSPECT HILL VILLAGE" A MULTI-UNIT RESIDENTIAL DEVELOPMENT BELLINGHAM, MASSACHUSETTS

PREPARED FOR:
WALL STREET DEVELOPMENT CORP.
P.O. BOX 272
WESTWOOD, MASSACHUSETTS

GLM Engineering Consultants, Inc.
19 EXCHANGE STREET
HOLLISTON, MA 01746
P: 508-429-1100
F: 508-429-7160
www.GLMengineering.com

JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"= 40'
SHEET:	24 of 43
PLAN #:	27,871

I TOWN CLERK OF THE TOWN OF DEDHAM RECEIVED AND RECORDED FROM THE PLANNING BOARD APPROVAL OF THIS PLAN AND NO APPEAL HAS BEEN TAKEN FOR TWENTY DAYS NEXT AFTER RECEIPT AND RECORDING OF SAME.

TOWN CLERK _____ DATE _____

APPROVED BY THE BELLINGHAM PLANNING BOARD:

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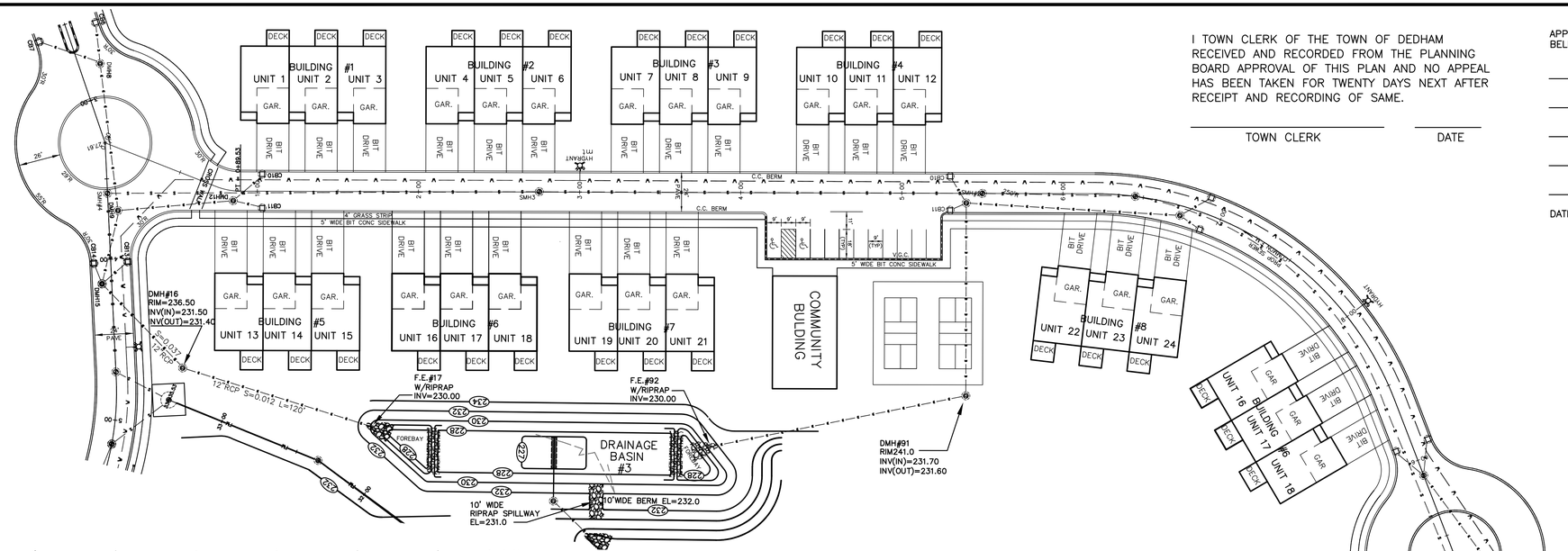
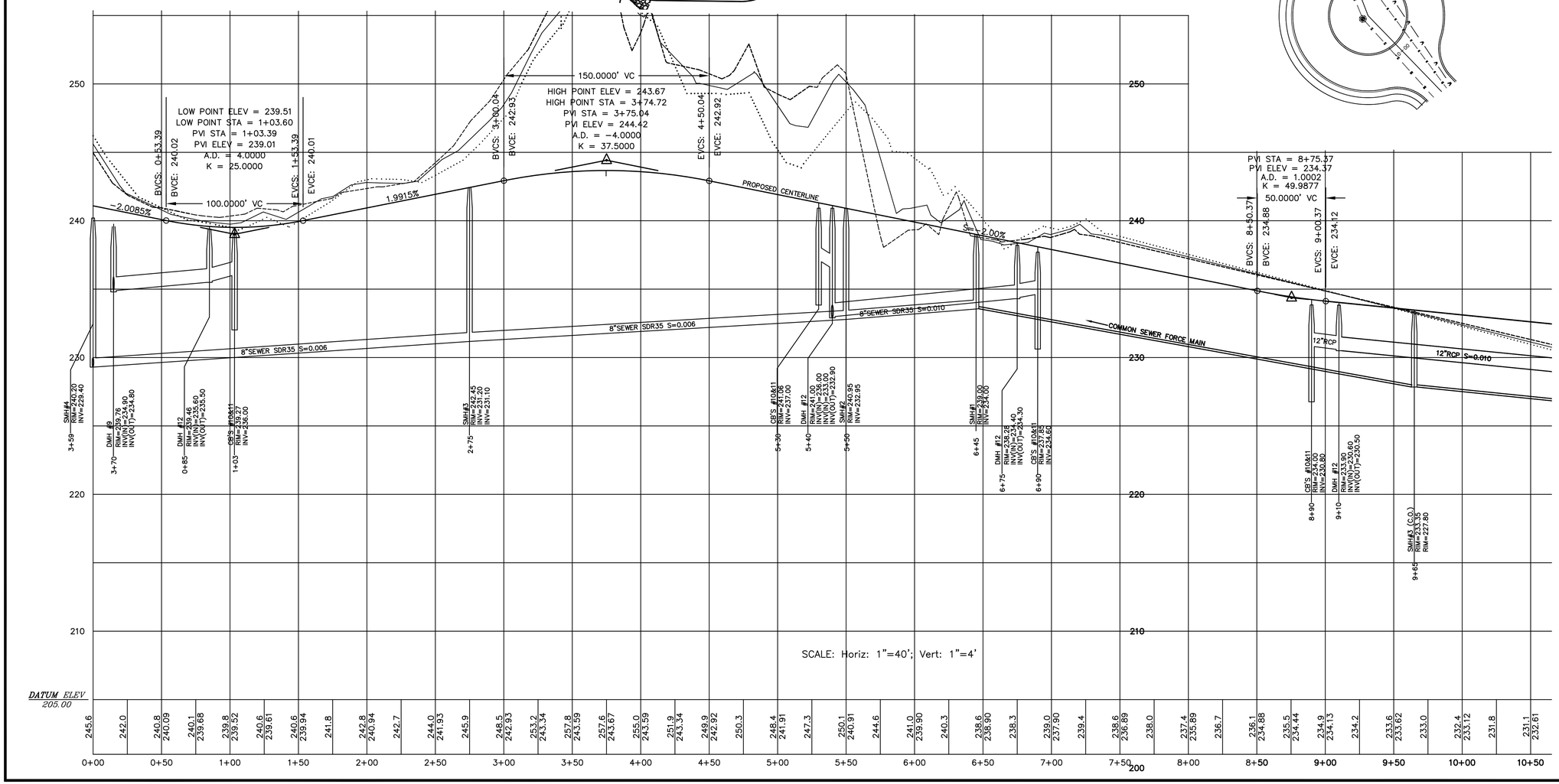
_____

DATE APPROVED: _____



LEGEND

- EXISTING UTILITY POLE
- PROPOSED HYDRANT
- EXISTING WATER LINE
- EXISTING CONTOUR LINE
- PROPOSED CONTOUR LINE
- PROPOSED CATCH BASIN
- PROPOSED DRAIN MANHOLE
- PROPOSED DRAIN LINE
- PROPOSED SEWER MANHOLE
- PROPOSED SEWER LINE
- PROPOSED CAPE COD BERM
- WETLAND DELINEATION FLAG



PLAN & PROFILE
ROAD B

REVISIONS		
No.	DATE	DESCRIPTION
1	04/02/2024	WETLAND DELINEATION
2	07/15/2024	PLG BRD ENG COMMENTS
3	09/26/2024	NEW ROAD LAYOUT (LAKE ST)

SITE DEVELOPMENT PLAN
"PROSPECT HILL VILLAGE"
A MULTI-UNIT RESIDENTIAL DEVELOPMENT
BELLINGHAM, MASSACHUSETTS

PREPARED FOR:
WALL STREET DEVELOPMENT CORP.
P.O. BOX 272
WESTWOOD, MASSACHUSETTS

GLM Engineering Consultants, Inc.
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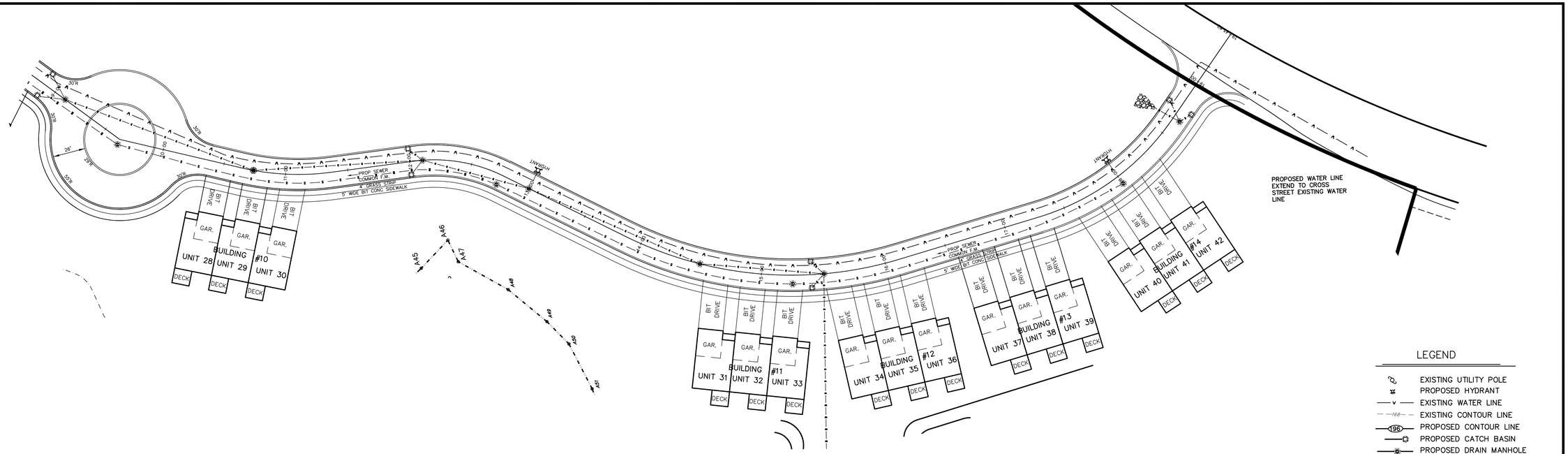
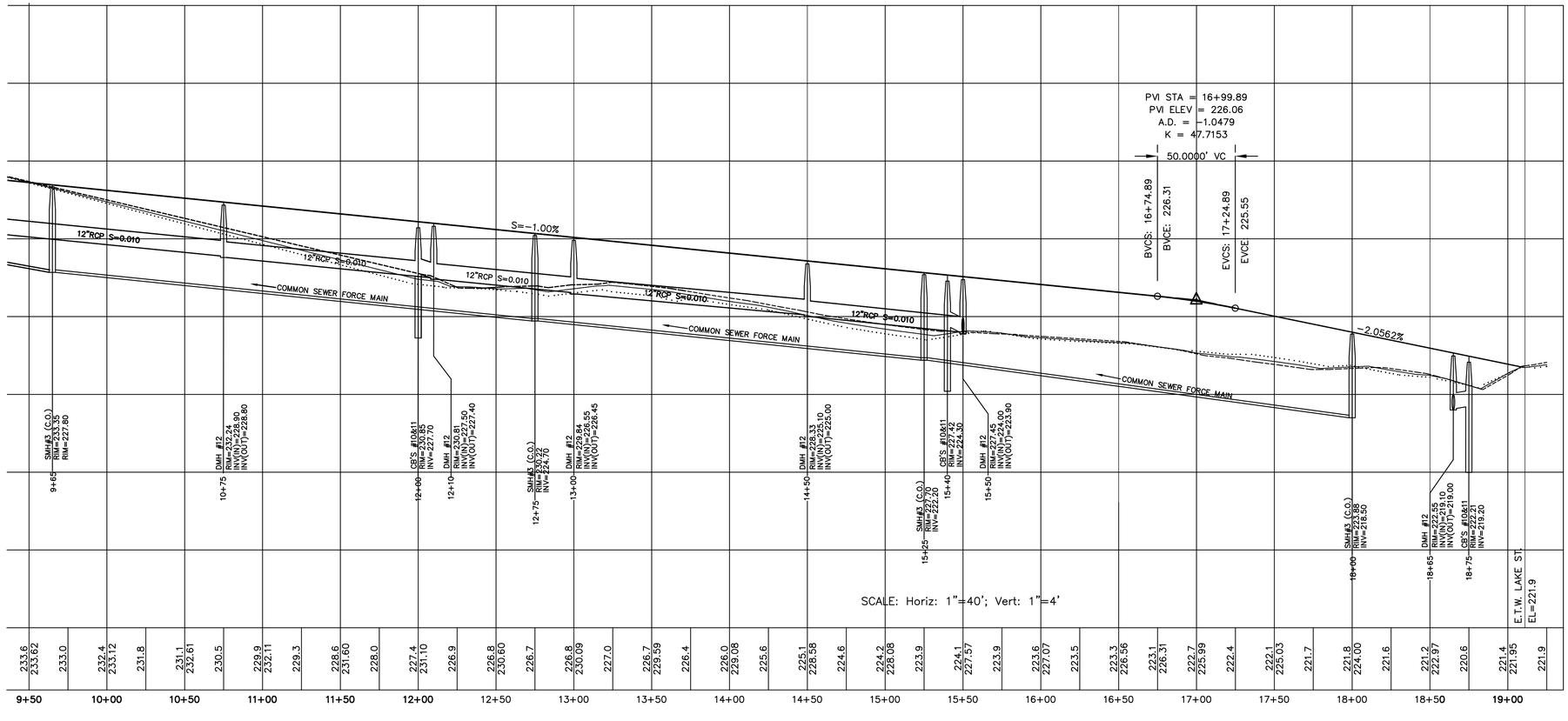
www.GLMengineering.com

JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"= 40'
SHEET:	25 of 43
PLAN #:	27,871



LEGEND

- EXISTING UTILITY POLE
- PROPOSED HYDRANT
- EXISTING WATER LINE
- 168 EXISTING CONTOUR LINE
- 196 PROPOSED CONTOUR LINE
- PROPOSED CATCH BASIN
- PROPOSED DRAIN MANHOLE
- PROPOSED DRAIN LINE
- PROPOSED SEWER MANHOLE
- PROPOSED SEWER LINE
- PROPOSED CAPE COD BERM
- E-32 WETLAND DELINEATION FLAG



APPROVED BY THE BELLINGHAM PLANNING BOARD:

DATE APPROVED: _____

I TOWN CLERK OF THE TOWN OF DEDHAM RECEIVED AND RECORDED FROM THE PLANNING BOARD APPROVAL OF THIS PLAN AND NO APPEAL HAS BEEN TAKEN FOR TWENTY DAYS NEXT AFTER RECEIPT AND RECORDING OF SAME.

TOWN CLERK _____ DATE _____

PLAN & PROFILE
ROAD B

REVISIONS

No.	DATE	DESCRIPTION
1	04/02/2024	WETLAND DELINEATION
2	07/15/2024	PLG BRD ENG COMMENTS
3	09/26/2024	NEW ROAD LAYOUT (LAKE ST)

SITE DEVELOPMENT PLAN "PROSPECT HILL VILLAGE" A MULTI-UNIT RESIDENTIAL DEVELOPMENT BELLINGHAM, MASSACHUSETTS

PREPARED FOR:
WALL STREET DEVELOPMENT CORP.
P.O. BOX 272
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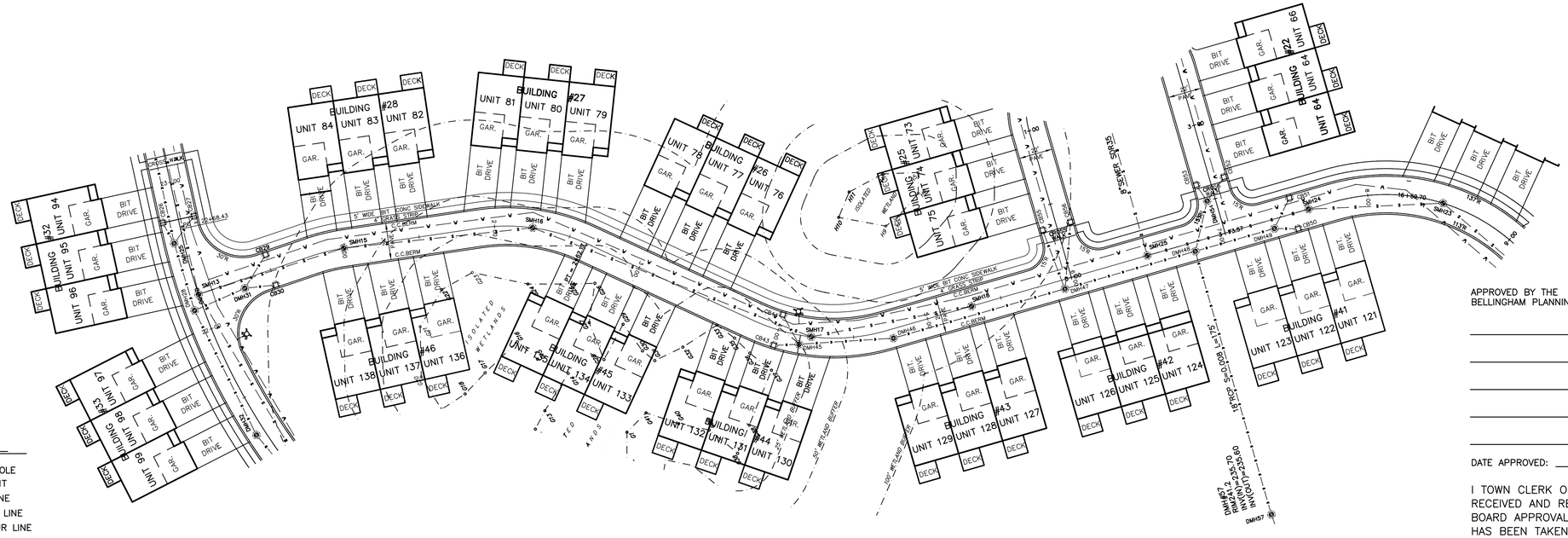
JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"= 40'
SHEET:	26 of 43
PLAN #:	27,871



APPROVED BY THE
BELLINGHAM PLANNING BOARD:

DATE APPROVED: _____

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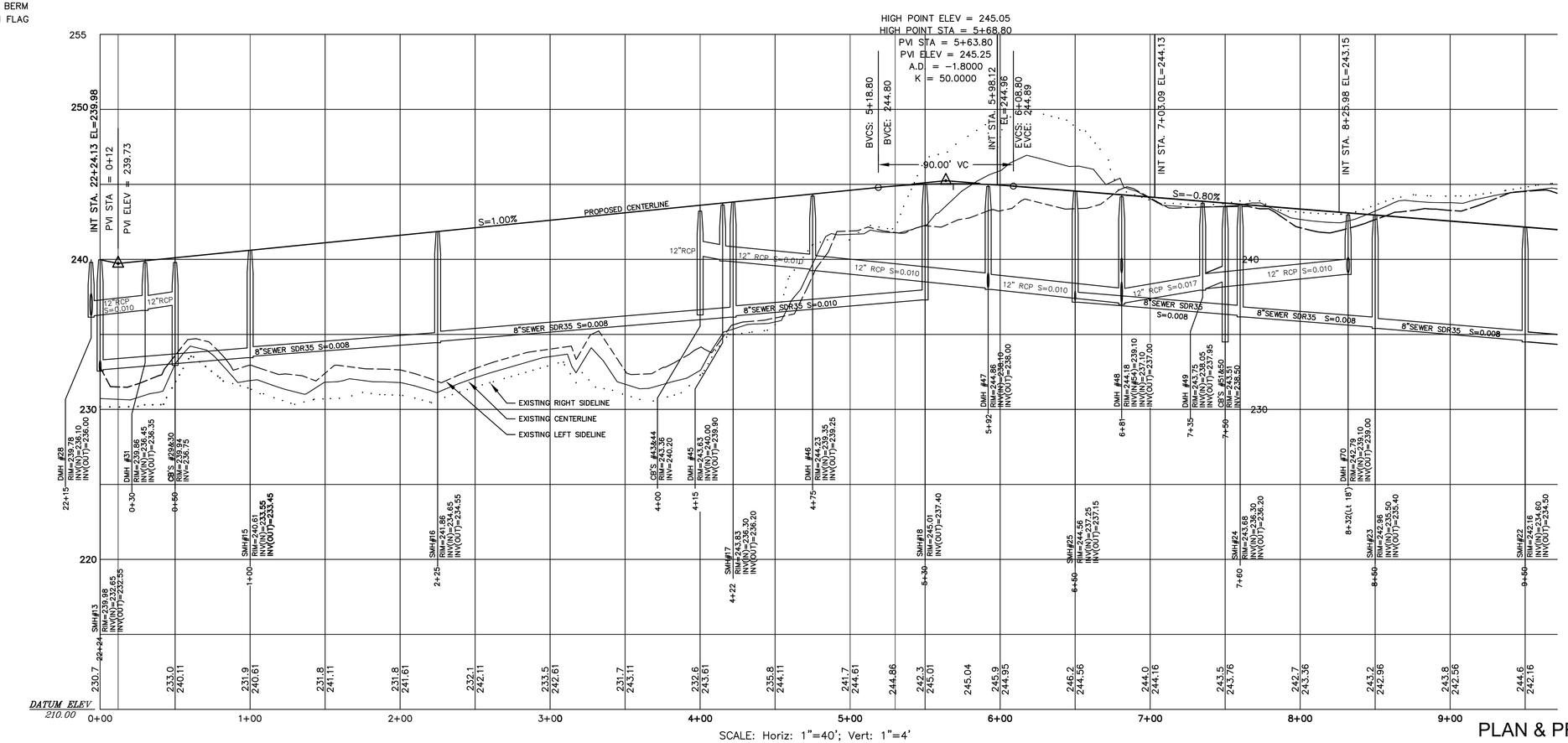
TOWN CLERK _____ DATE _____

LEGEND

- EXISTING UTILITY POLE
- PROPOSED HYDRANT
- EXISTING WATER LINE
- EXISTING CONTOUR LINE
- PROPOSED CONTOUR LINE
- PROPOSED CATCH BASIN
- PROPOSED DRAIN MANHOLE
- PROPOSED DRAIN LINE
- PROPOSED SEWER MANHOLE
- PROPOSED SEWER LINE
- PROPOSED CAPE COD BERM
- WETLAND DELINEATION FLAG
- DEEP HOLE TEST PIT



SCALE: Horiz: 1"=40'; Vert: 1"=4'

PLAN & PROFILE ROAD C

REVISIONS		
No.	DATE	DESCRIPTION
1	04/02/2024	WETLAND DELINEATION
2	07/15/2024	PLG BRD ENG COMMENTS
3	09/26/2024	NEW ROAD LAYOUT (LAKE ST)

SITE DEVELOPMENT PLAN
"PROSPECT HILL VILLAGE"
A MULTI-UNIT RESIDENTIAL DEVELOPMENT
BELLINGHAM, MASSACHUSETTS

PREPARED FOR:
WALL STREET DEVELOPMENT CORP.
P.O. BOX 272
WESTWOOD, MASSACHUSETTS

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F: 508-429-7160
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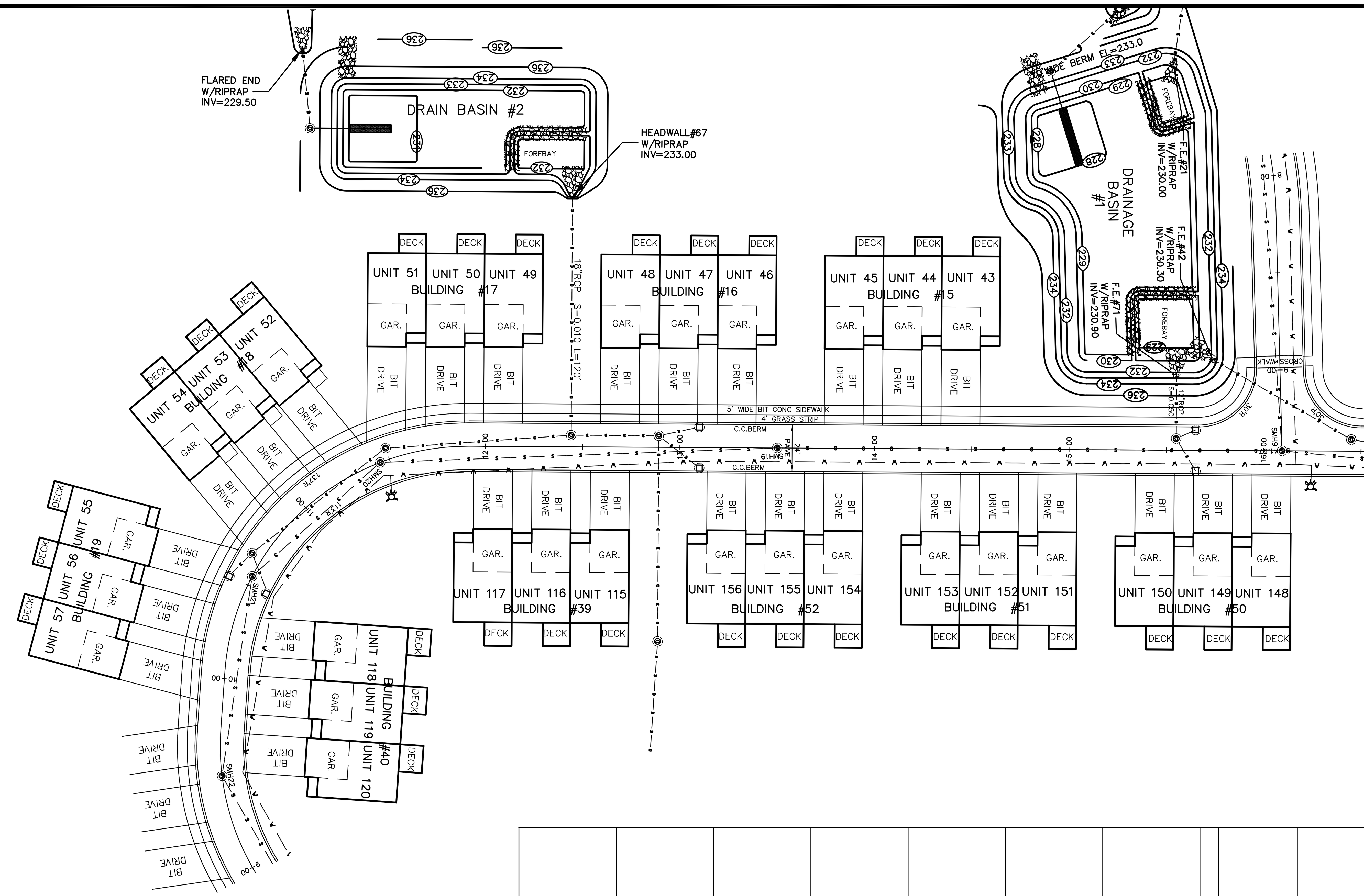
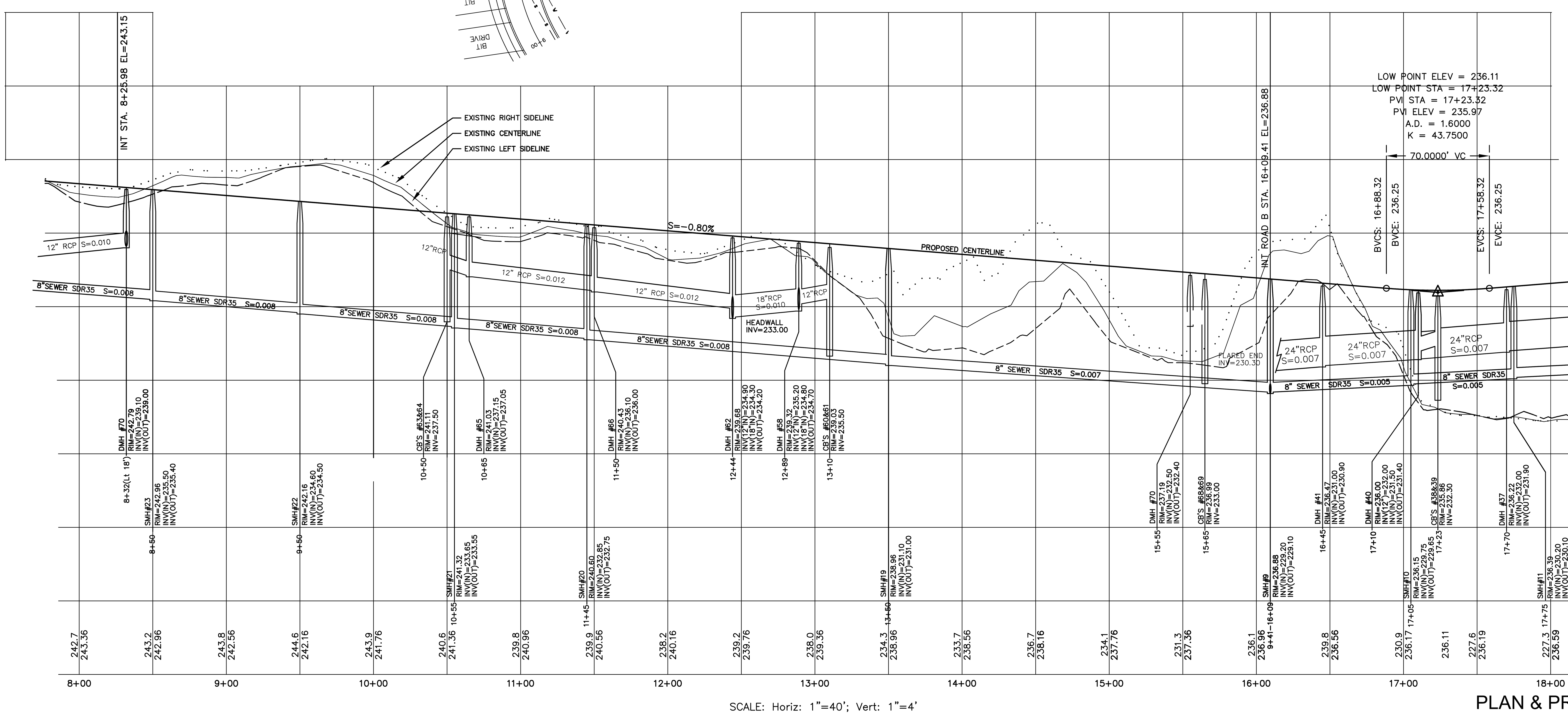
JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"= 40'
SHEET:	27 of 43
PLAN #:	27,871

LEGEND

- EXISTING UTILITY POLE
- PROPOSED HYDRANT
- EXISTING WATER LINE
- EXISTING CONTOUR LINE (168)
- PROPOSED CONTOUR LINE (196)
- PROPOSED CATCH BASIN
- PROPOSED DRAIN MANHOLE
- PROPOSED DRAIN LINE
- PROPOSED SEWER MANHOLE
- PROPOSED SEWER LINE
- PROPOSED CAPE COD BERM
- WETLAND DELINEATION FLAG (E-32)
- DEEP HOLE TEST PIT (TP17-3)





SCALE: Horiz: 1"=40'; Vert: 1"=4'

APPROVED BY THE
BELLINGHAM PLANNING BOARD:

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DATE APPROVED: ________________

I TOWN CLERK OF THE TOWN OF DEDHAM RECEIVED AND RECORDED FROM THE PLANNING BOARD APPROVAL OF THIS PLAN AND NO APPEAL HAS BEEN TAKEN FOR TWENTY DAYS NEXT AFTER RECEIPT AND RECORDING OF SAME.

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REVISIONS

No.	DATE	DESCRIPTION
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2	07/15/2024	PLG BRD ENG COMMENTS
3	09/26/2024	NEW ROAD LAYOUT (LAKE ST)

SITE DEVELOPMENT PLAN
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A MULTI-UNIT RESIDENTIAL DEVELOPMENT
BELLINGHAM, MASSACHUSETTS

PREPARED FOR:
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JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"= 40'
SHEET:	28 of 43
PLAN #:	27,871

PLAN & PROFILE ROAD C

APPROVED BY THE
BELLINGHAM PLANNING BOARD:

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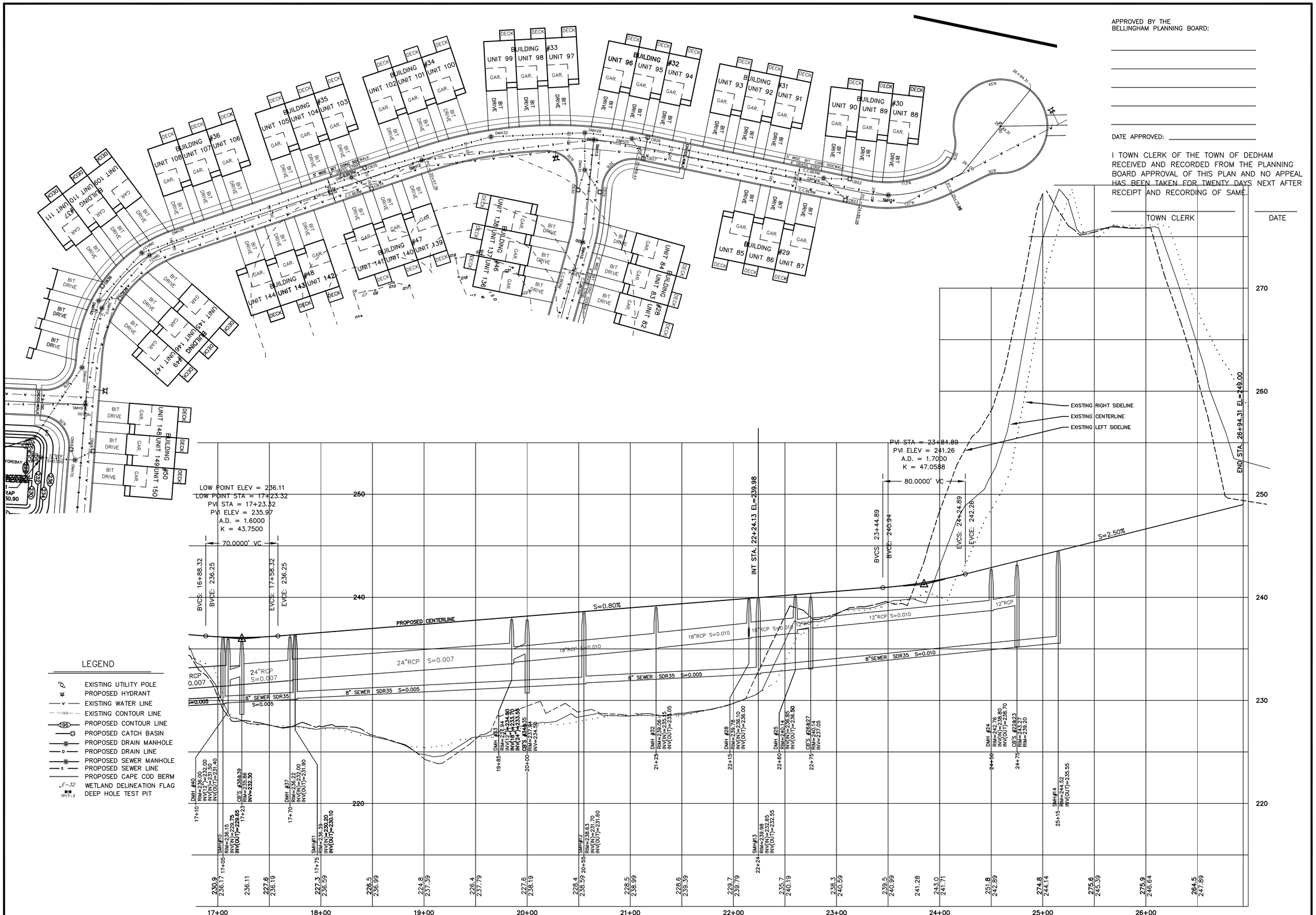
DATE APPROVED: _____

I TOWN CLERK OF THE TOWN OF DEDHAM RECEIVED AND RECORDED FROM THE PLANNING BOARD APPROVAL OF THIS PLAN AND NO APPEAL HAS BEEN TAKEN FOR TWENTY DAYS NEXT AFTER RECEIPT AND RECORDING OF SAME.

_____ TOWN CLERK _____ DATE



PLAN & PROFILE ROAD C

REVISIONS		
No.	DATE	DESCRIPTION
1	04/02/2024	WETLAND DELINEATION
2	07/15/2024	PLG BRD ENG COMMENTS
3	09/26/2024	NEW ROAD LAYOUT (LAKE ST)

SITE DEVELOPMENT PLAN
"PROSPECT HILL VILLAGE"
A MULTI-UNIT RESIDENTIAL DEVELOPMENT
BELLINGHAM, MASSACHUSETTS

PREPARED FOR:
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P.O. BOX 272
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F: 508-429-7160
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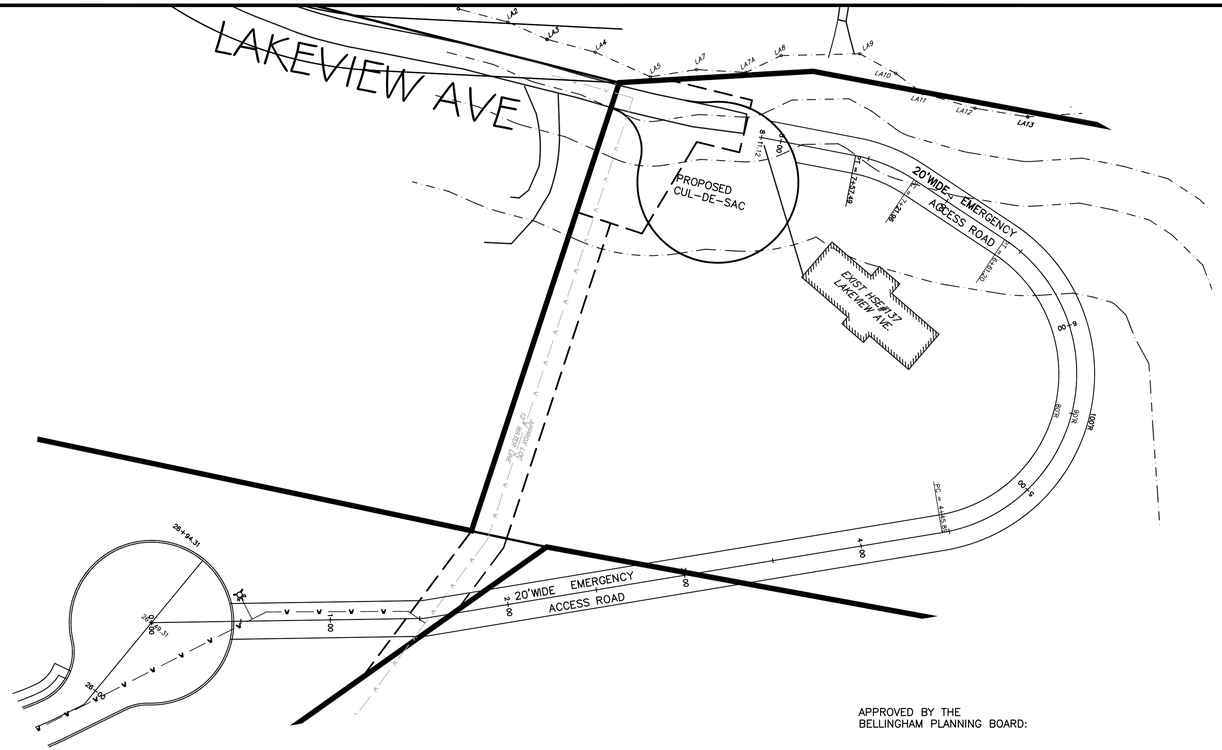
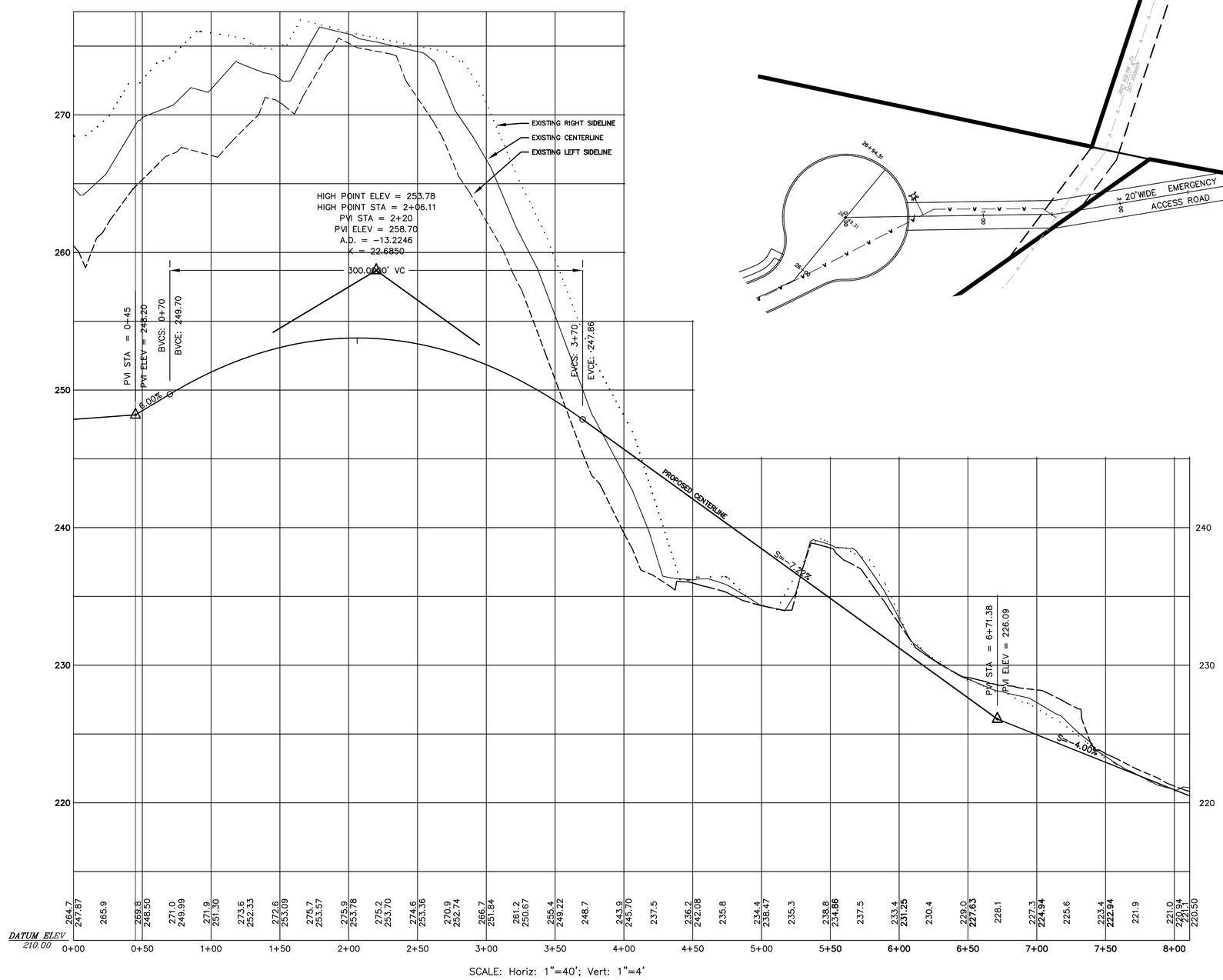
JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"= 40'
SHEET:	29 of 43
PLAN #:	27,871





APPROVED BY THE BELLINGHAM PLANNING BOARD:

DATE APPROVED: _____

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TOWN CLERK _____ DATE _____

LEGEND

- EXISTING UTILITY POLE
- PROPOSED HYDRANT
- EXISTING WATER LINE
- EXISTING CONTOUR LINE
- PROPOSED CONTOUR LINE
- PROPOSED CATCH BASIN
- PROPOSED DRAIN MANHOLE
- PROPOSED DRAIN LINE
- PROPOSED SEWER MANHOLE
- PROPOSED SEWER LINE
- PROPOSED CAPE COD BERM
- WETLAND DELINEATION FLAG
- DEEP HOLE TEST PIT

PLAN & PROFILE ROAD F

REVISIONS

No.	DATE	DESCRIPTION
1	04/02/2024	WETLAND DELINEATION
2	07/15/2024	PLG BRD ENG COMMENTS
3	09/26/2024	NEW ROAD LAYOUT (LAKE ST)

SITE DEVELOPMENT PLAN "PROSPECT HILL VILLAGE" A MULTI-UNIT RESIDENTIAL DEVELOPMENT BELLINGHAM, MASSACHUSETTS

PREPARED FOR:
WALL STREET DEVELOPMENT CORP.
P.O. BOX 272
WESTWOOD, MASSACHUSETTS

GLM Engineering Consultants, Inc.
19 EXCHANGE STREET
HOLLISTON, MA 01746
P: 508-429-1100
F: 508-429-7160
www.GLMengineering.com

JOB No.	16,590
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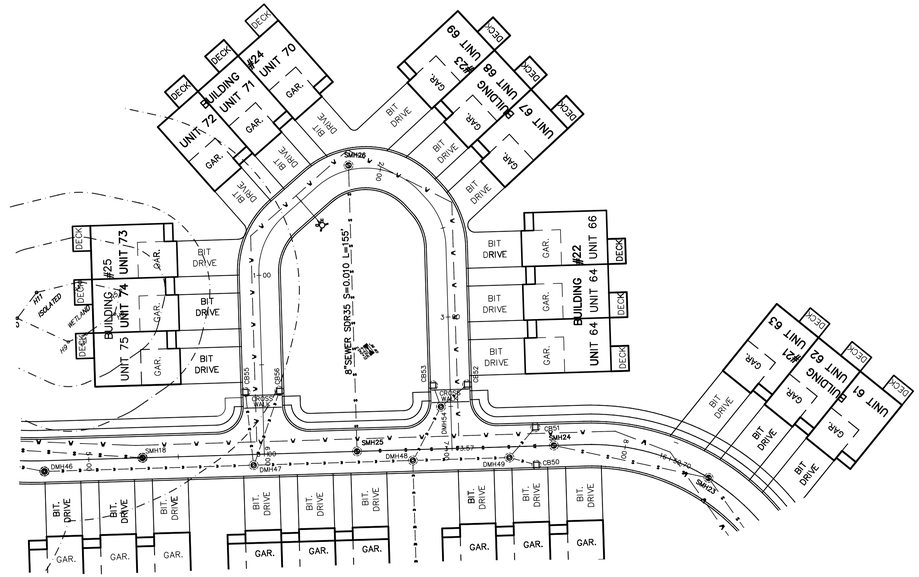
SHEET:	30 of 43
PLAN #:	27,871



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BELLINGHAM PLANNING BOARD:

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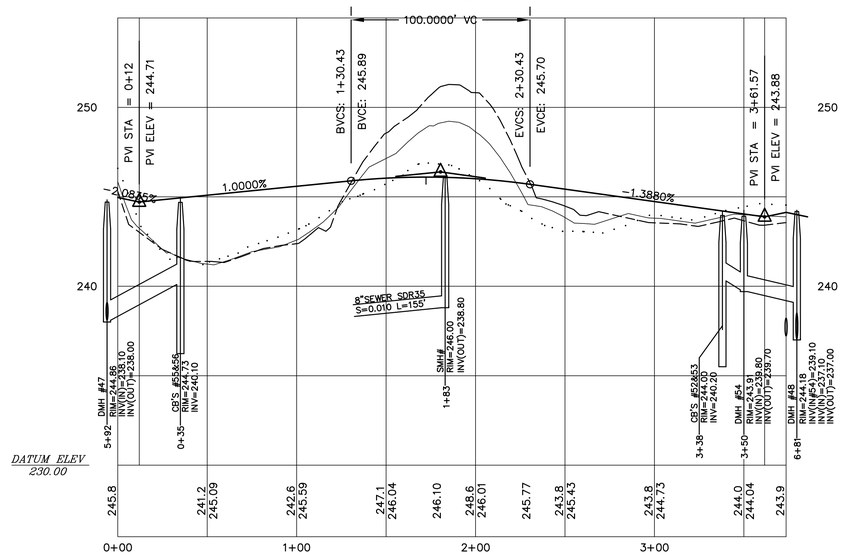
_____ _____
TOWN CLERK DATE

HIGH POINT ELEV = 246.10
HIGH POINT STA = 1+72.30
PVI STA = 1+80.43
PVI ELEV = 246.39
A.D. = −2.3880
K = 41.8758



SCALE: Horiz: 1"=40'; Vert: 1"=4'

LEGEND

- EXISTING UTILITY POLE
- PROPOSED HYDRANT
- EXISTING WATER LINE
- EXISTING CONTOUR LINE
- PROPOSED CONTOUR LINE
- PROPOSED CATCH BASIN
- PROPOSED DRAIN MANHOLE
- PROPOSED DRAIN LINE
- PROPOSED SEWER MANHOLE
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PLAN & PROFILE ROAD E

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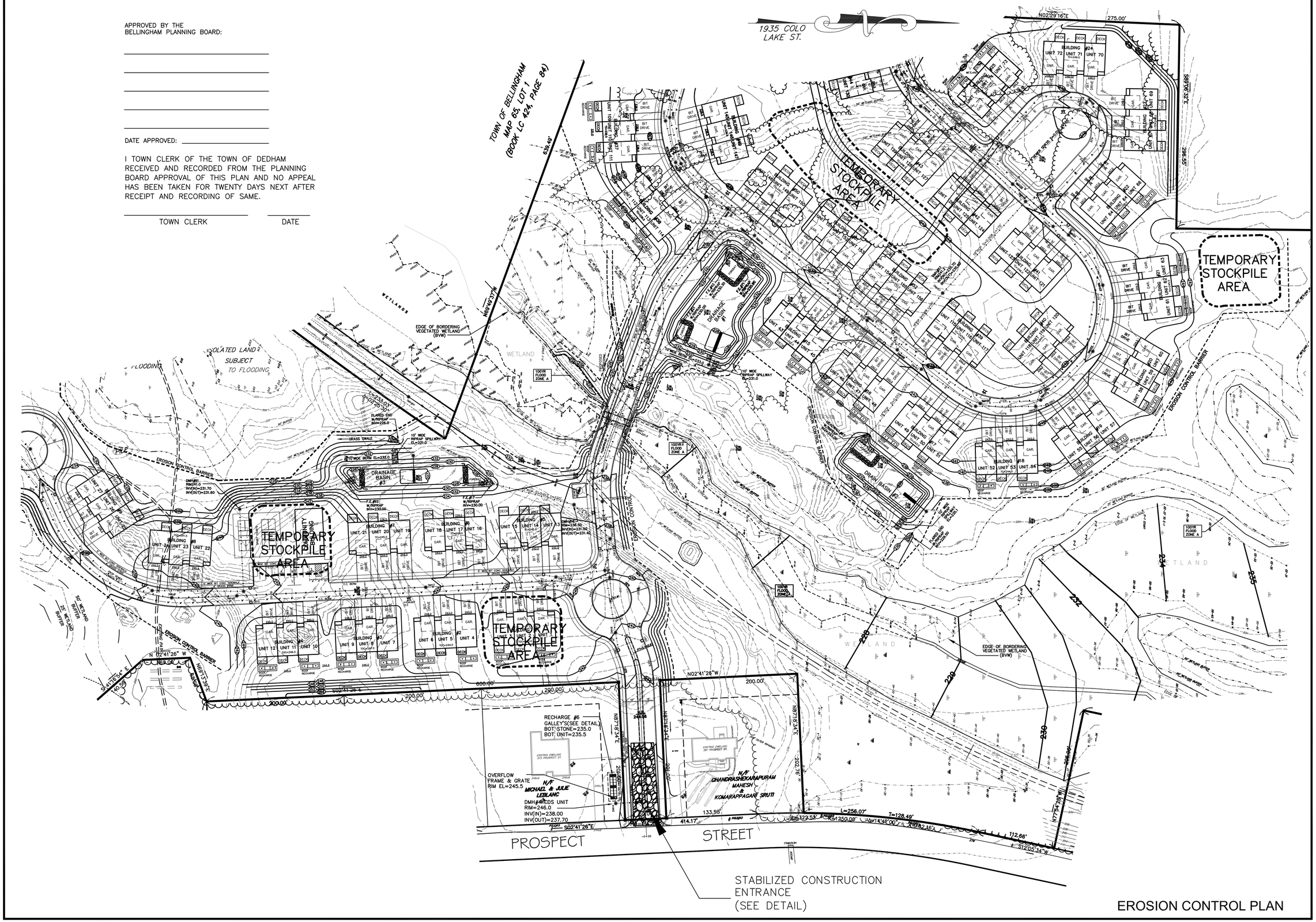

EROSION CONTROL PLAN

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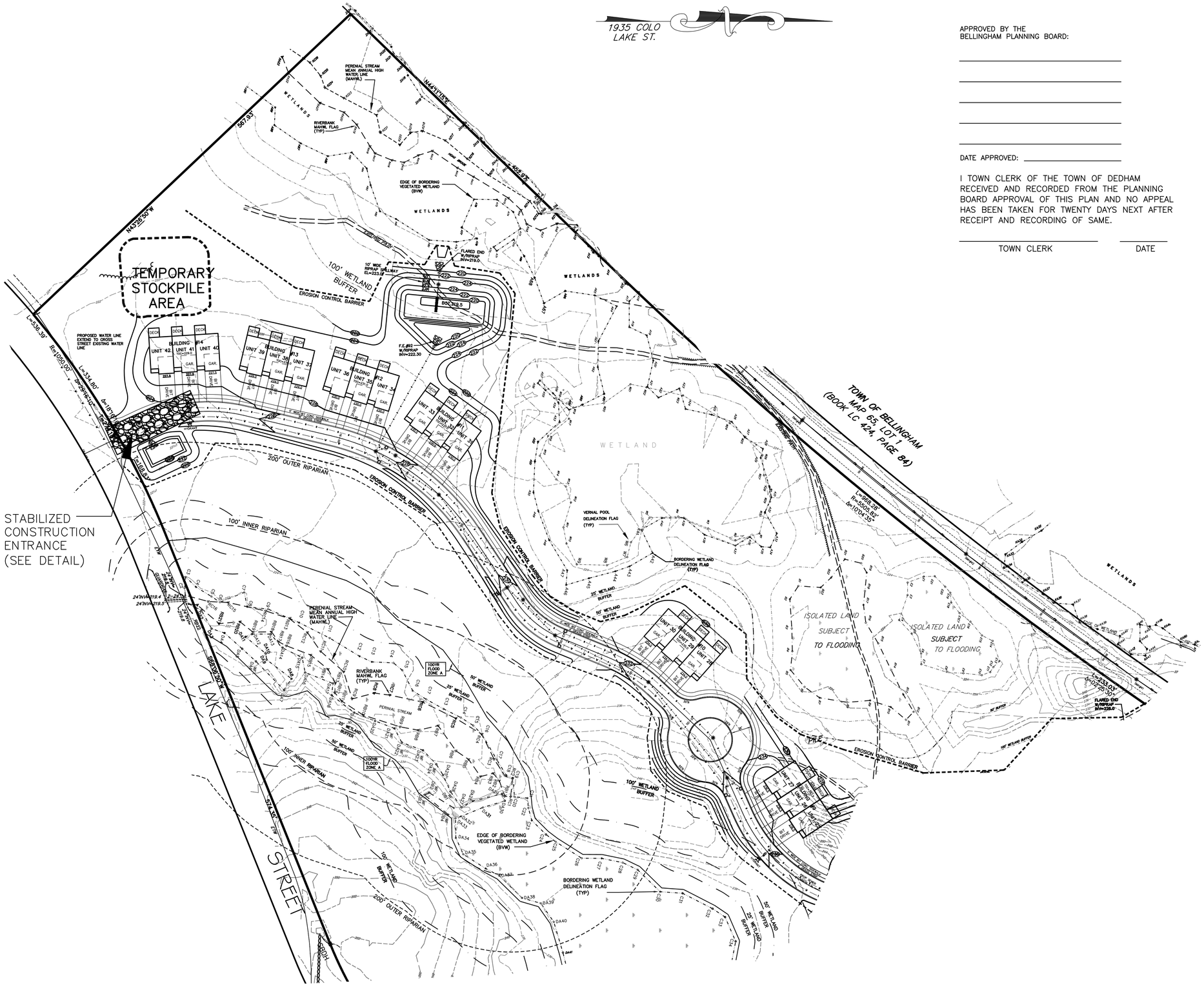

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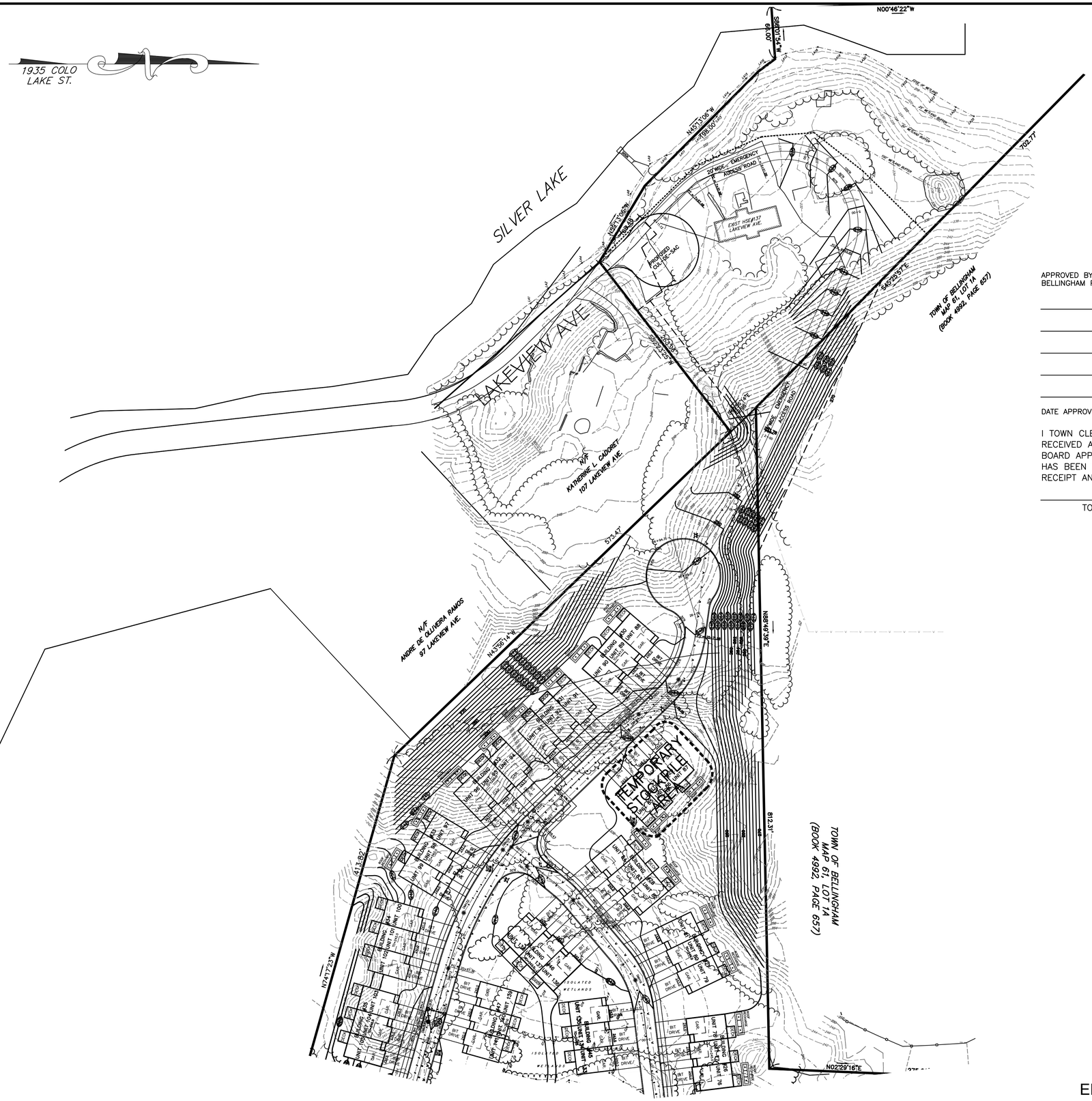

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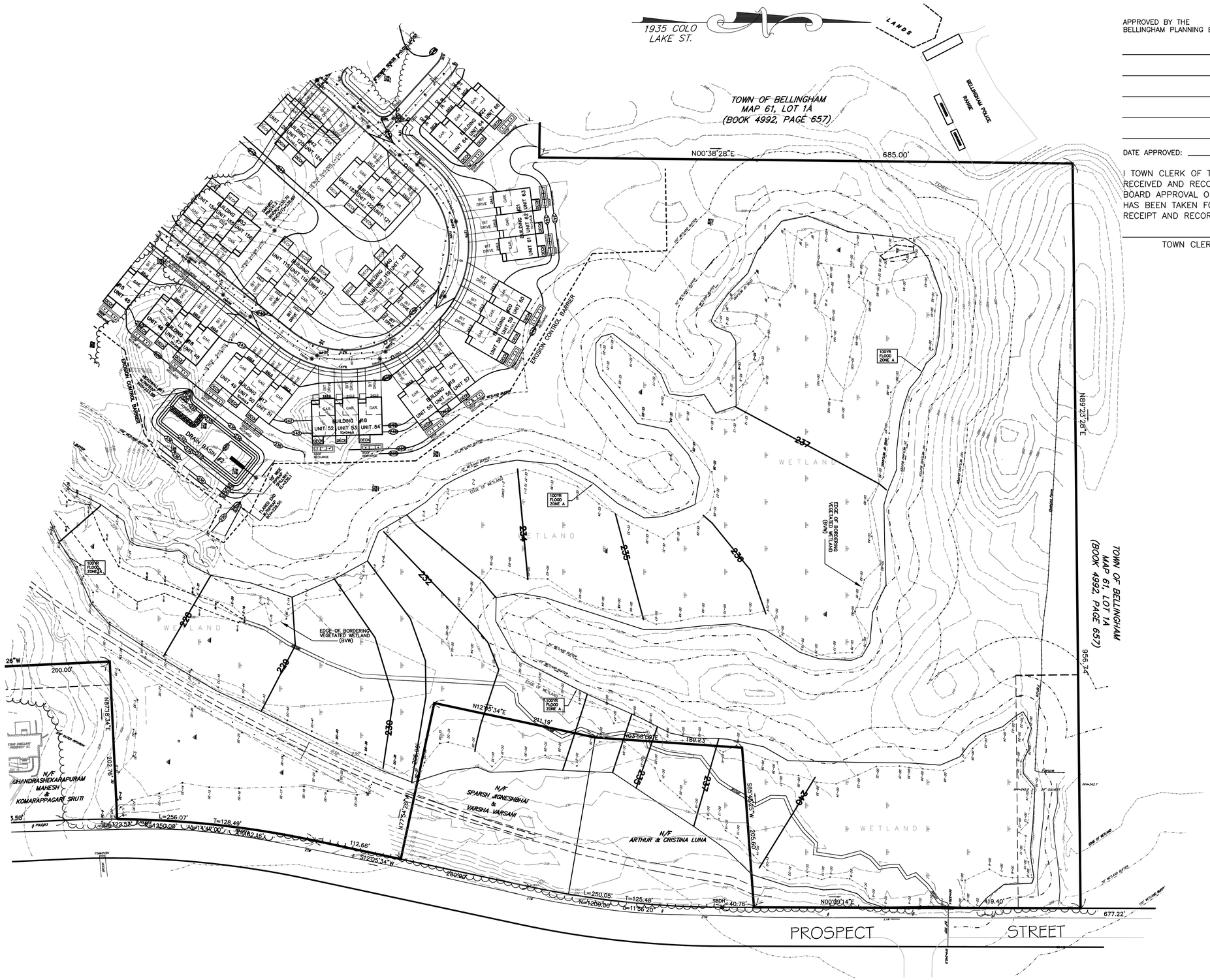

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EROSION CONTROL PLAN

EROSION AND SEDIMENTATION CONTROL:

1. PRIOR TO ANY DISTURBANCE OR ALTERATIONS ON ANY AREA ON THE SITE. THE FILTER MITT SEDIMENT BARRIER SHALL BE INSTALLED IN THE LOCATIONS SHOWN ON THE SITE PLAN.

2. BARRIERS SHALL BE CONSTRUCTED AS SHOWN ON THE FILTER MITT DETAIL WITH CONSTRUCTION FENCE DETAIL ABOVE.

3. ONCE INSTALLED, THE FILTER MITT SEDIMENT BARRIERS SHALL BE MAINTAINED IN PLACE UNTIL ALL AREAS UPGRADIENT FROM THE BARRIERS HAVE BEEN STABILIZED AS SPECIFIED HEREIN. UPON COMPLETION AND STABILIZATION OF THE PROJECT, THE FILTER MITT AND CONSTRUCTION FENCE SHALL BE REMOVED.

4. THE ORANGE CONSTRUCTION FENCE IS INTENDED TO ACT AS A LIMIT OF DISTURBANCE. ANY LAND DOWN GRADIENT FROM THE FENCE ACCIDENTALLY DISTURBED SHALL BE IMMEDIATELY REPAIRED AND RESTORED TO ORIGINAL CONDITION.

5. EROSION CONTROL MEASURES SHALL BE MONITORED ON A DAILY BASIS, OR AS NEEDED, AND BE REINFORCED, REPAIRED, OR REPLACED WHEN NEEDED, PER JUDGEMENT OF THE SITE FOREMAN AND/OR TOWN OF BELLINGHAM REPRESENTATIVE.

6. TEMPORARY VEGETATION COVER SHALL BE ESTABLISHED ON ALL DISTURBED AREAS WHERE CONSTRUCTION ACTIVITIES TEMPORARILY CEASE FOR AT LEAST 30 DAYS. AREAS SHALL BE STABILIZED WITH TEMPORARY SEED. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A VEGETATIVE COVER, DISTURBED AREAS SHALL BE MULCHED AND THEN SEEDED WHEN WEATHER CONDITIONS ALLOW.

7. THE FIRST ONE-HUNDRED FIFTY (100) FEET OF THE PROPOSED ENTRANCE AT PROSPECT STREET SHALL HAVE A CONSTRUCTION ENTRANCE PAD(SEE DETAIL).

8. WATER SPRAYING SHALL BE UTILIZED ON ALL DISTURBED AREAS DURING DRY WEATHER TO PREVENT DUST. A WATER TRUCK SHALL BE KEPT ON SITE AT ALL TIMES DURING THE DURING THE SUMMER MONTHS OF CONSTRUCTION.

9. FOLLOWING CONSTRUCTION OF THE CATCH BASIN STRUCTURES, A SILTATION BARRIER SHALL BE SET AROUND THE INLET FOR EACH STRUCTURE TO PREVENT SEDIMENT FROM ENTERING THE DRAINAGE SYSTEM. (SEE DETAIL)

10. NO SLOPES, EITHER TEMPORARY OR PERMANT SHALL BE STEEPER THAN TWO TO 1 (2:1).

11. STREET SWEEPING SHALL BE DONE AS NEEDED BASIS ALONG PROSPECT STREET TO THE LIMITS OF SEDIMENT TRACKING.

12. STOCKPILE MATERIAL SHALL BE SECURED AROUND THE PERIMETER WITH EROSION CONTROL BARRIERS.

MAINTENANCE:

1. THE CONTRACTOR SHALL HAVE ON SITE AN ADEQUATE QUANTITY OF SUPPLEMENTAL HAYBALES AND/OR SILT SOCK TO BE USED FOR CONTROL OF EMERGENCY EROSION PROBLEMS.

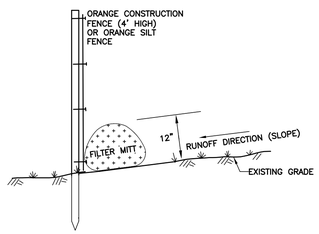
2. ALL EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY.

3. THE CONTRACTOR SHALL MONITOR DAILY WEATHER AND PRIOR TO ANY PREDICTED RAIN STORM, THE EROSION BARRIERS SHALL BE INSPECTED AND NEW ONES SUPPLEMENTED IN ANY AREAS OF POSSIBLE CONCENTRATED RUNOFF.

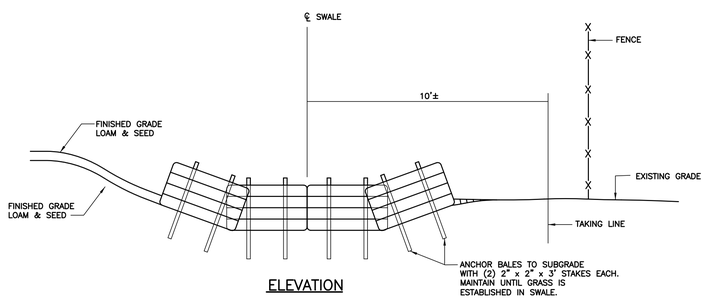
4. SEDIMENT CHECK DAMS MAY BE INSTALLED IN AREA OF HIGH CONCENTRATION OF SURFACE RUNOFF.(SEE DETAIL)

5. ALL EQUIPMENT SHALL BE STORED IN THE DESIGNATED STAGING AREA.

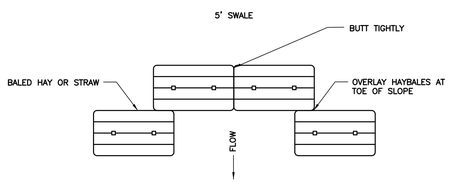
A MORE DETAILED SEDIMENT AND EROSION CONTROL PLAN WILL BE DEVELOPED AS PART OF THE NPDES STORMWATER POLLUTION PREVENTION PLAN.



EROSION CONTROL BARRIER
FILTER MITT W/
CONSTRUCTION FENCE DETAIL
N.T.S.

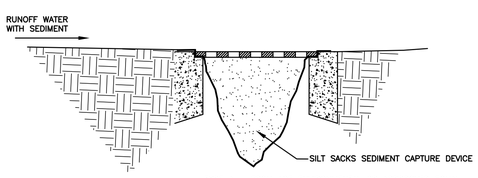


ELEVATION

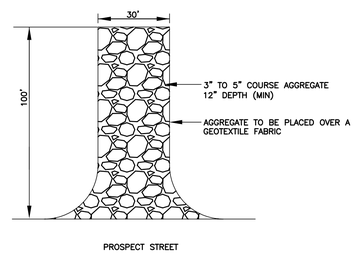


PLAN

SEDIMENT CHECK DAM DETAIL
N.T.S.



SILT SACK CATCH BASIN INLET
NOT TO SCALE



STABILIZED CONSTRUCTION
ENTRANCE PAD DETAIL
NOT TO SCALE

APPROVED BY THE
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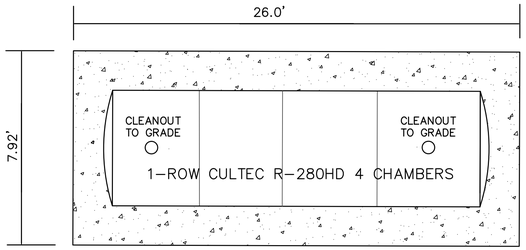
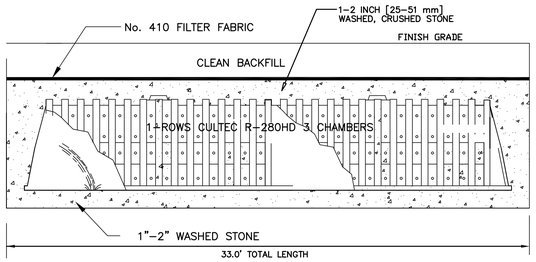
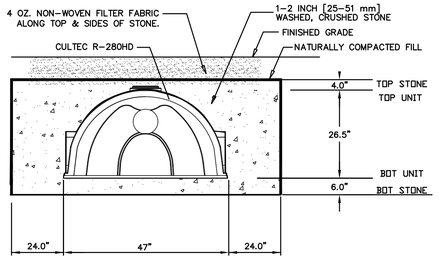


PLAN VIEW





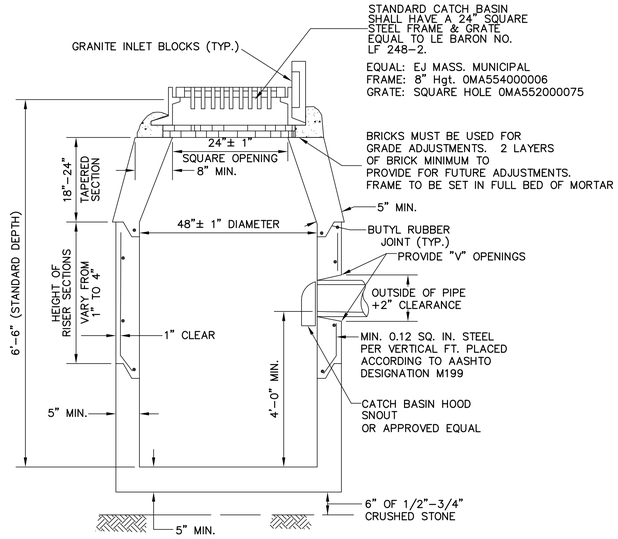
1-ROW CULTEC R-280HD 4 CHAMBERS

NOTES:
1. ALL TOPSOIL & SUBSOIL SHALL BE REMOVED FROM THE BOTTOM AREA OF THE BASIN AND FILLED MATERIAL SHALL COARSE CLEAN GRAVEL OR SAND.

2. INSTALL TWO (2) PER BUILDING. ALL ROOF AREA IS TO BE DIRECTED TO RECHARGE SYSTEMS.

ROOF RECHARGE SYSTEM DETAIL

N.T.S.



NOTE: NO BELL ENDS IN CATCH BASIN. CONNECTIONS TO BE TIGHTLY SEALED WITH MORTAR.

PRECAST CATCH BASIN DETAIL

NOT TO SCALE

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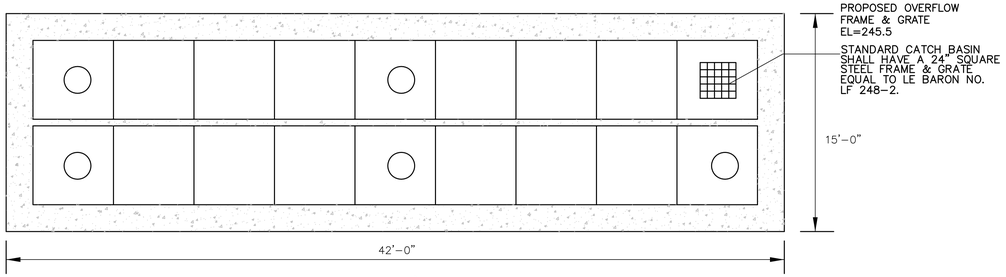
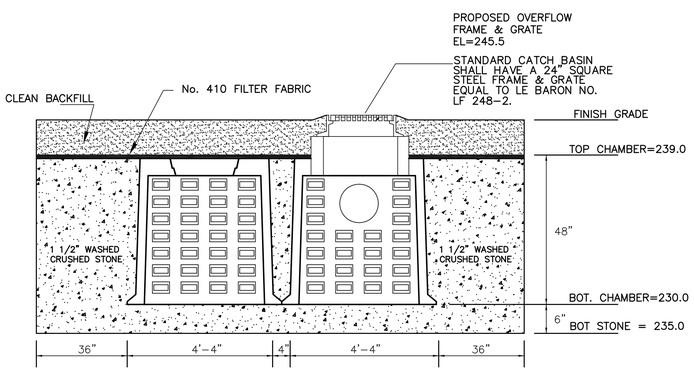
NOTES

1. All construction shall conform to the Tonw of Bellingham Planning Board Rules and Regulations and Department of Public Works standards and details.

5. Sidewalk ramps must meet current applicable ADA / AAB standards.



2 ROWS 9 GALLEY's PER ROW
TOTAL 18 4x4x4 GALLEY'S

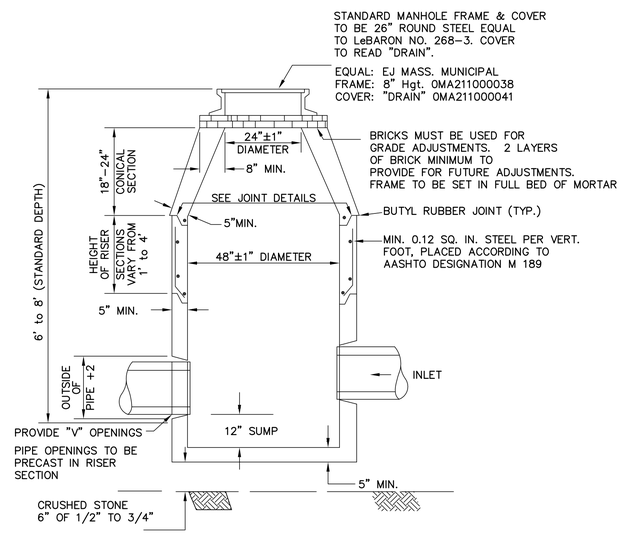


NOTES:
1. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.
2. DESIGNED FOR H-20 LOADING.
3. GALLEYS TO BE PLACED AGAINST ONE ANOTHER AS INDICATED ON THE GRADING PLAN ON A STONE BASE, WITH 36" OF STONE ALL AROUND.
4. STONE SHALL MEET SECTION M2.01.2 OF THE MHD SPECIFICATIONS.

EQUAL: EJ MASS. MUNICIPAL
FRAME: 8" Hgt. OMA554000006
GRATE: SQUARE HOLE OMA552000075

STORWATER RECHARGE SYSTEM #6

N.T.S.



PRECAST MANHOLE DETAIL

NOT TO SCALE

DETAILS

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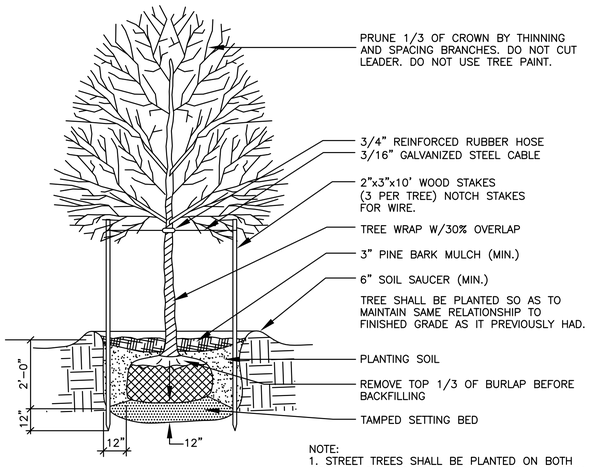
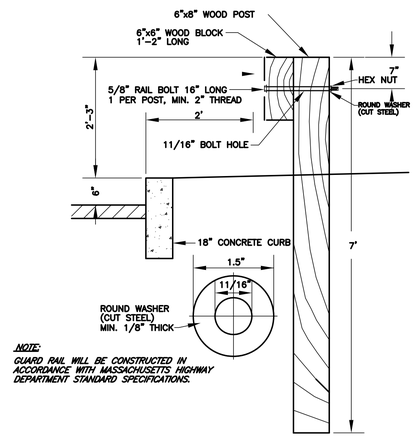


NOTE:
1. STREET TREES SHALL BE PLANTED ON BOTH SIDES OF THE ROADWAY, SPACED APPROXIMATELY 40 FT. APART AND APPROXIMATELY 10 FT FROM SIDWALK OR ROADWAY.
2. STREET TREES SHALL BE MINIMUM OF 2 1/2" CALIPER 4 FT. ABOVE THE GROUND.

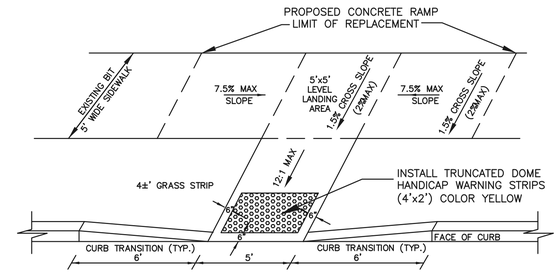
STREET TREE DETAIL

NOT TO SCALE



SINGLE FACE GUARD RAIL WITH WOOD POST

N.T.S.



HANDICAP SIDEWALK RAMP DETAIL

N.T.S.

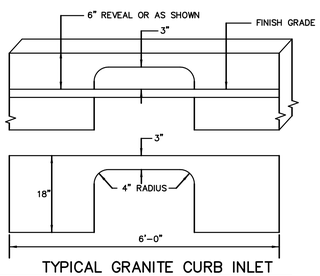
APPROVED BY THE BELLINGHAM PLANNING BOARD:

DATE APPROVED:

I TOWN CLERK OF THE TOWN OF BELLINGHAM RECEIVED AND RECORDED FROM THE PLANNING BOARD APPROVAL OF THIS PLAN AND NO APPEAL HAS BEEN TAKEN FOR TWENTY DAYS NEXT AFTER RECEIPT AND RECORDING OF SAME.

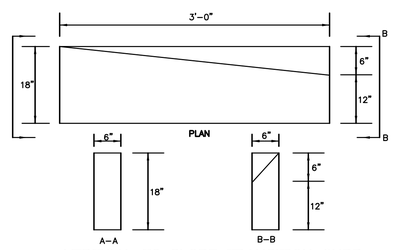
TOWN CLERK DATE

NOTE:
CURB INLETS TO BE INSTALLED AT ALL CATCH BASIN WITH TRANSITIONS CURBS.



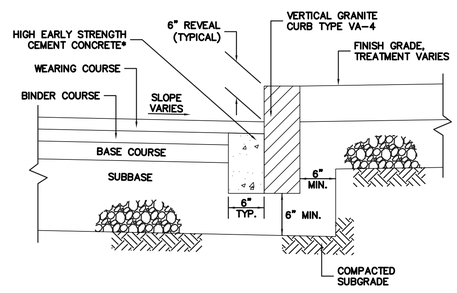
TYPICAL GRANITE CURB INLET

N.T.S.



VERTICAL TO SLOPE TRANSITION CURB

N.T.S.



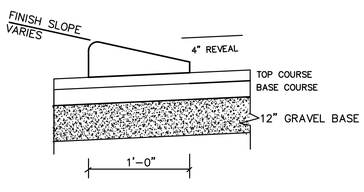
VERTICAL GRANITE CURB DETAIL

N.T.S.

NOTES

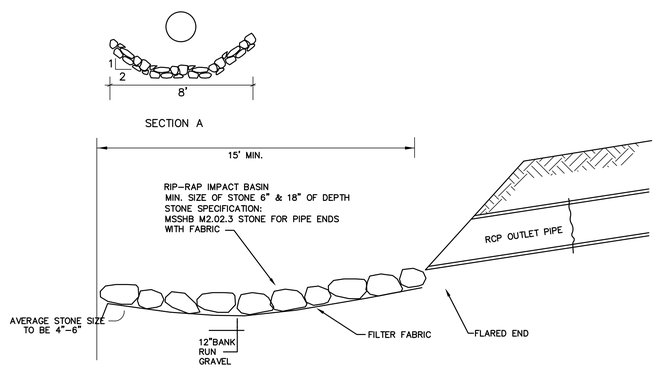
1. All construction shall conform to the Tonw of Bellingham Planning Board Rules and Regulations dnd Department of Public Works standards and details.

5. Sidewalk ramps must meet current applicable ADA / AAB standards.



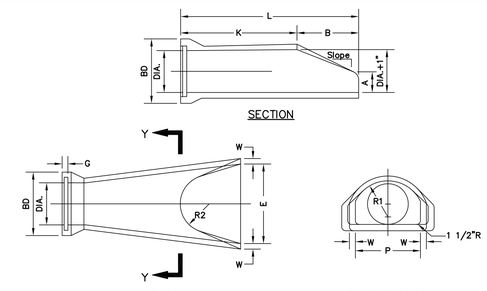
MODIFIED CAPE COD BERM DETAIL

NOT TO SCALE:



RIPRAP OUTLET DETAIL

NOT TO SCALE



DIA.	W	A	B	C	D	E	BD	K	L	P	DIA. +1"	R1	R2	S	G	Slope
12"	2"	4"	2'-0"	4'-0 7/8"	6'-1 3/8"	2'-0"	20"	4'-8 1/8"	6'-6 1/8"	19 15/16"	13"	10 1/8"	9"	4"	2 1/2"	3:1
15"	2 1/4"	6"	2'-3"	3'-10"	6'-1 1/2"	2'-6"	24"	4'-3 11/16"	6'-6 11/16"	24 5/16"	16"	12 1/2"	11"	4"	2 1/2"	3:1
18"	2 1/2"	9"	2'-3"	3'-10"	6'-1"	3'-0"	28"	4'-3 7/8"	6'-6 7/8"	29"	19"	15 1/2"	12"	4"	2 3/4"	3:1
21"	2 3/4"	9"	2'-11"	3'-2"	6'-1"	3'-6"	32"	3'-8 5/16"	6'-7 5/16"	31 5/8"	22"	16 1/8"	13"	4"	2 3/4"	3:1
24"	3"	9 1/2"	3'-7 1/2"	2'-6"	6'-1"	4'-0"	36"	3'-0 1/2"	6'-8"	33 3/16"	25"	16 13/16"	14"	4"	3"	3:1

R.C.P. FLARED END SECTION DETAIL

NOT TO SCALE

NOTE: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION.
DIGSAFE IS TO BE NOTIFIED 72 WORKING HOURS IN ADVANCE OF CONSTRUCTION.
DIGSAFE 1-888-344-7233

DETAILS

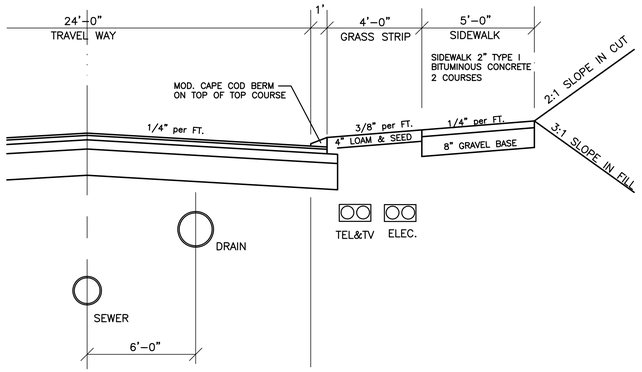
REVISIONS		
No.	DATE	DESCRIPTION
1	04/02/2024	WETLAND DELINEATION
2	07/15/2024	PLG BRD ENG COMMENTS
3	09/26/2024	NEW ROAD LAYOUT (LAKE ST)

SITE DEVELOPMENT PLAN
"PROSPECT HILL VILLAGE"
A MULTI-UNIT RESIDENTIAL DEVELOPMENT
BELLINGHAM, MASSACHUSETTS

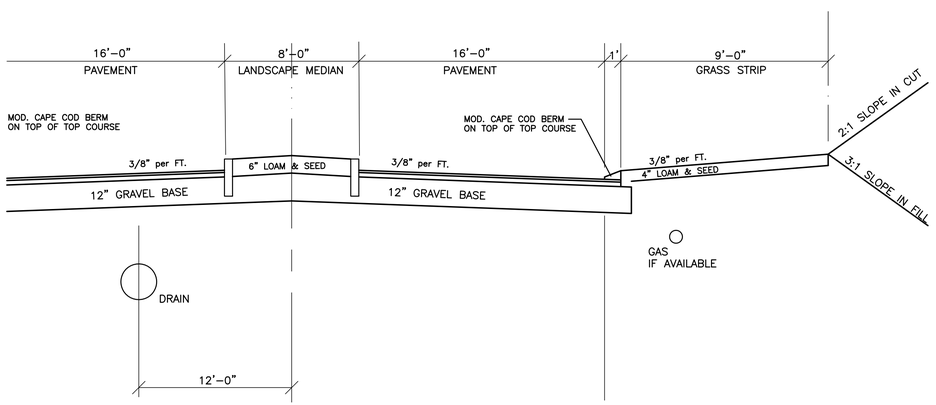
PREPARED FOR:
WALL STREET DEVELOPMENT CORP.
P.O. BOX 272
WESTWOOD, MASSACHUSETTS

GLM Engineering Consultants, Inc.
19 EXCHANGE STREET
HOLLISTON, MA 01746
P: 508-429-1100
F: 508-429-7160
www.GLMengineering.com

JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"=60'
SHEET:	38 of 43
PLAN #:	27,871



WAY CROSS SECTION



TYPICAL ROADWAY CROSS SECTION

NOTES

1. All construction shall conform to the Town of Bellingham Planning Board Rules and Regulations dnd Department of Public Works standards and details.

5. Sidewalk ramps must meet current applicable ADA / AAB standards.

APPROVED BY THE
BELLINGHAM PLANNING BOARD:

DATE APPROVED: _____

I TOWN CLERK OF THE TOWN OF BELLINGHAM RECEIVED AND RECORDED FROM THE PLANNING BOARD APPROVAL OF THIS PLAN AND NO APPEAL HAS BEEN TAKEN FOR TWENTY DAYS NEXT AFTER RECEIPT AND RECORDING OF SAME.

TOWN CLERK _____ DATE _____

DETAILS

REVISIONS

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JOB No.	16,590
DATE:	NOV. 30, 2023
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SHEET:	39 of 43
PLAN #:	27,871

DEEP HOLE – 24–1

HORIZ DEPTH	DATE: 6/11/24 SOIL DESCRIPTION	ELEV. 234.0
0" 6"	A LOAM 10YR3/3	
26"	B SANDY LOAM 10YR5/6	231.9
74"	C1 SAND Fine–Med 2.5Y5/4	227.8
120"	C2 SAND Med–Coarse 10% Gravel 2.5Y5/3	224.0
110"	GROUNDWATER OBSERVED	224.8
74"	SOIL MOTTLING 2.5y5/8 Many	227.8
74"	ESTIMATED SEASONAL HIGH GROUNDWATER	227.8

DEEP HOLE – 24–2

HORIZ DEPTH	DATE: 6/11/24 SOIL DESCRIPTION	ELEV 237.
0" 10"	A LOAM 10YR3/3	
32"	B SANDY LOAM 10YR5/6	234
144"	C1 SAND Med–Coarse 40% Gravel 2.5Y5/4	225
None	GROUNDWATER OBSERVED	225
None	SOIL MOTTLING 2.5y5/8 Many	
	ESTIMATED SEASONAL HIGH GROUNDWATER	

DEEP HOLE – 22–1

HORIZ DEPTH	DATE: 4/5/22 SOIL DESCRIPTION	ELE 147.
0" 16"	FILL	
36"	B SANDY LOAM 10YR5/6	145.
108"	C1 SAND Med–Coarse 40% Gravel 2.5Y5/4	136.
94"	GROUNDWATER OBSERVED	137.
None	SOIL MOTTLING 2.5y5/8 Many	
94"	ESTIMATED SEASONAL HIGH GROUNDWATER	139.

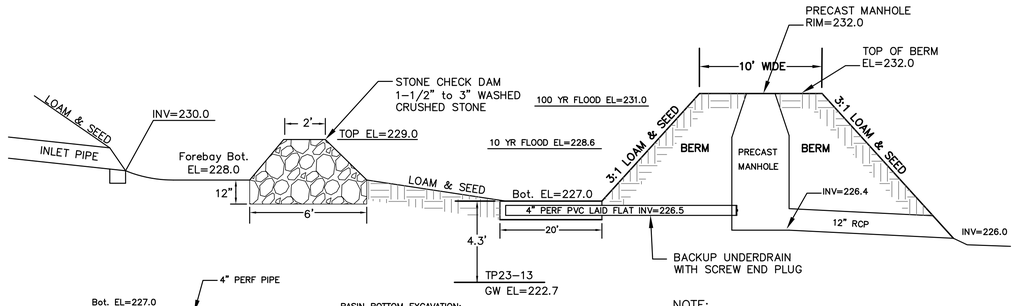
DEEP HOLE – 22–5

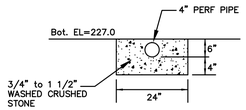
HORIZ DEPTH	DATE: 4/5/22 SOIL DESCRIPTION	ELEV. 144.0
0" 4"	A LOAM 10YR3/2	
20"	B SANDY LOAM 10YR5/6	141.5
100"	C1 SAND Med–Coarse 40% Gravel 2.5Y5/4	135.5
68"	GROUNDWATER OBSERVED	135.5
60"	SOIL MOTTLING 2.5y5/8 Many	141.5
60"	ESTIMATED SEASONAL HIGH GROUNDWATER	141.5

DEEP HOLE – 22–6

HORIZ DEPTH	DATE: 4/5/22 SOIL DESCRIPTION	ELE 147.
0" 6"	A LOAM 10YR3/2	
32"	B SANDY LOAM 10YR5/6	145
110"	C1 SAND Med–Coarse 40% Gravel 2.5Y5/4	136
70"	GROUNDWATER OBSERVED	137
None	SOIL MOTTLING 2.5y5/8 Many	
70"	ESTIMATED SEASONAL HIGH GROUNDWATER	139

S





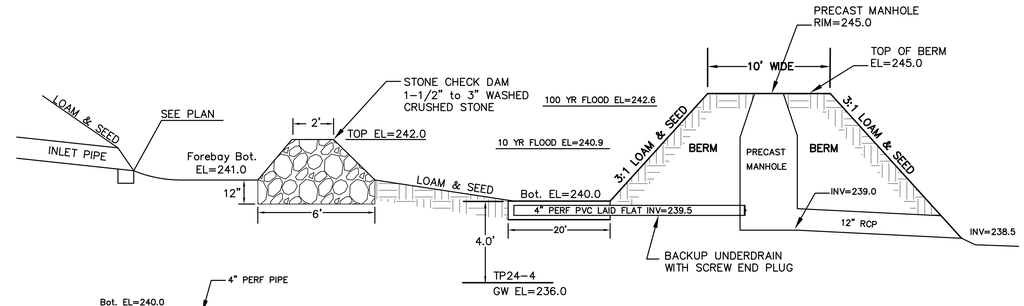
BACKUP UNDERDRAIN

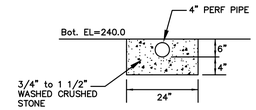
BASIN BOTTOM EXCAVATION:
ALL TOPSOIL, SUBSOIL AND ANY DELETERIOUS MATERIAL MUST BE REMOVED FROM THE BOTTOM AREA OF THE DRAINAGE BASIN AND FILLED WITH APPROVED, CLEAN, GRANULAR SAND. THE FILL SHALL NOT CONTAIN ANY MATERIAL LARGER THAN 2 INCHES AND BE GRADED SO NOT MORE THAN 45% OF THE SAMPLE IS RETAINED IN A #4 SIEVE, OF THAT PASSING, 20% OR LESS SHALL PASS A #100 SIEVE AND 5% OR LESS SHALL PASS THE #200 SIEVE.

NOTE:
THE BASIN SIDE SLOPES AND BOTTOM SHALL BE PROVIDED WITH FOUR INCHES OF LOAM, SEEDED AT THE RATE OF TWO POUNDS RED TOP, 15 POUNDS CREEPING RED FESCUE AND 20 POUNDS TALL FESCUE PER ACRE. AT NO TIME SHALL A SEED MIX CONSIST OF MORE THAN 10% ANNUAL RYES.

DRAINAGE RECHARGE BASIN #3 DETAIL

NOT TO SCALE





BACKUP UNDERDRAIN

BASIN BOTTOM EXCAVATION:
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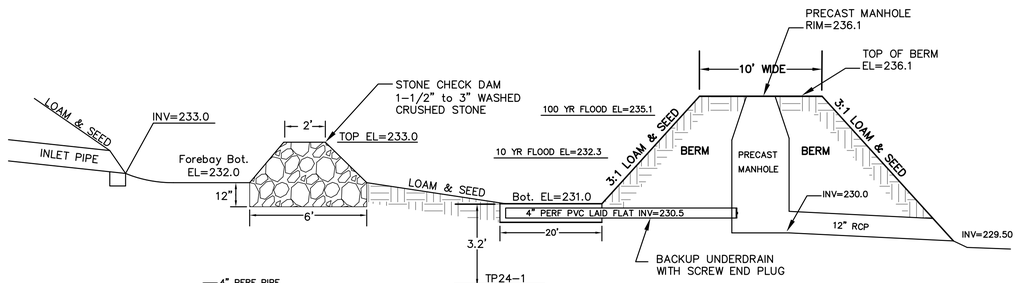
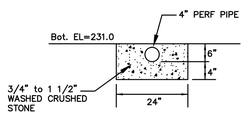
DRAINAGE RECHARGE BASIN #4 DETAIL

NOT TO SCALE





BACKUP UNDERDRAIN

BASIN BOTTOM EXCAVATION:
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NOTE:
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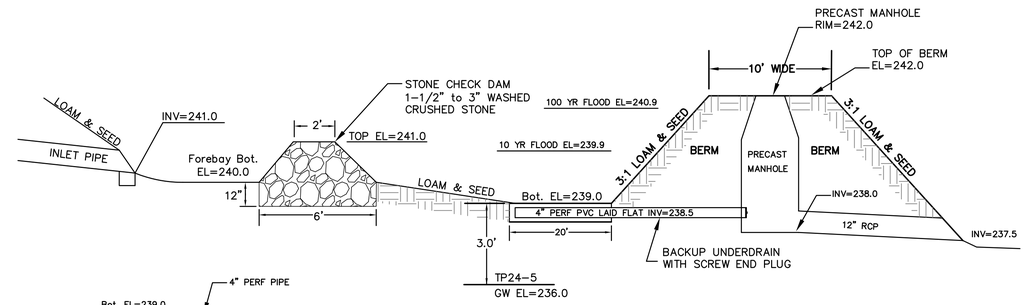
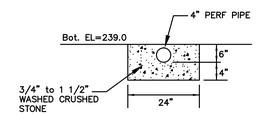
DRAINAGE RECHARGE BASIN #2 DETAIL

NOT TO SCALE





BACKUP UNDERDRAIN

BASIN BOTTOM EXCAVATION:
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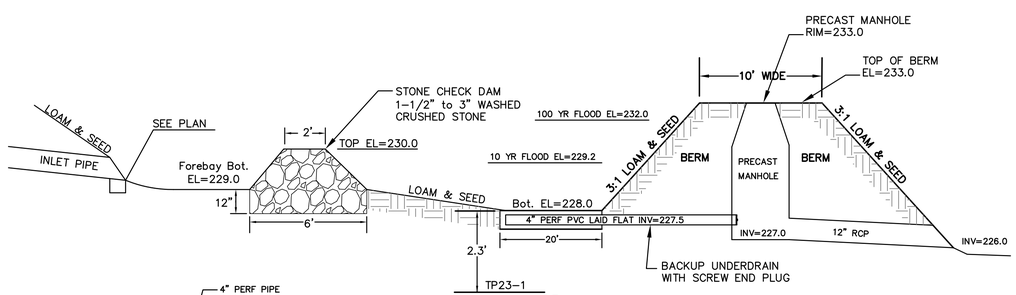
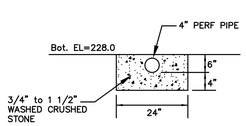
DRAINAGE RECHARGE BASIN #5 DETAIL

NOT TO SCALE





BACKUP UNDERDRAIN

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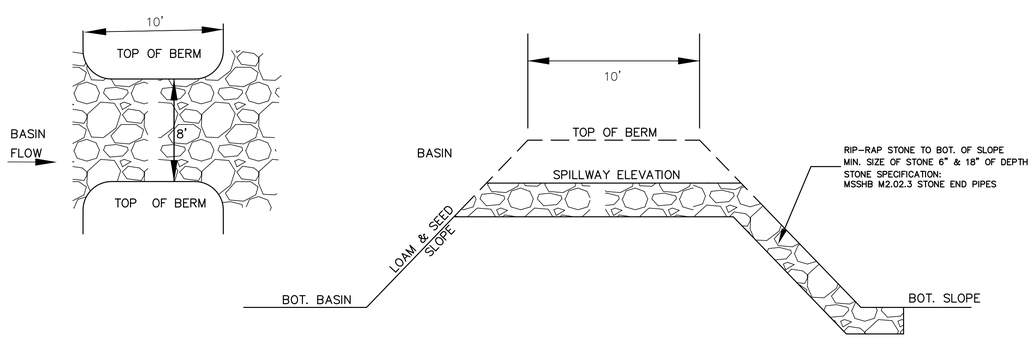
DRAINAGE RECHARGE BASIN #1 DETAIL

NOT TO SCALE



DETENTION BASIN EMERGENCY SPILLWAY DETAIL

NOT TO SCALE

DETAILS

REVISIONS		
No.	DATE	DESCRIPTION
1	04/02/2024	WETLAND DELINEATION
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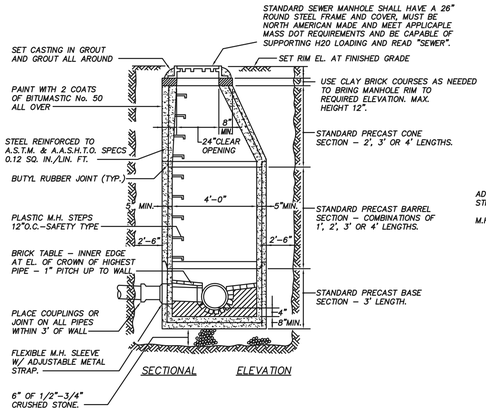
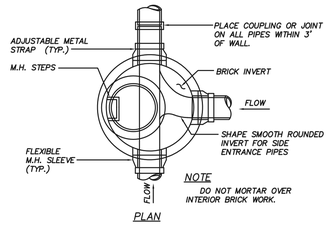
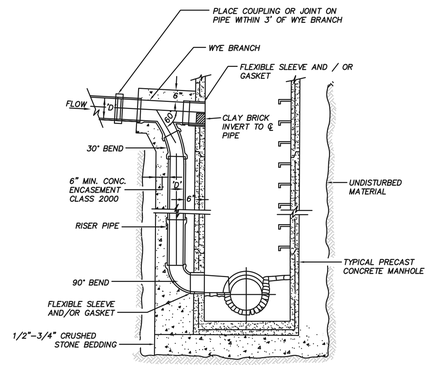




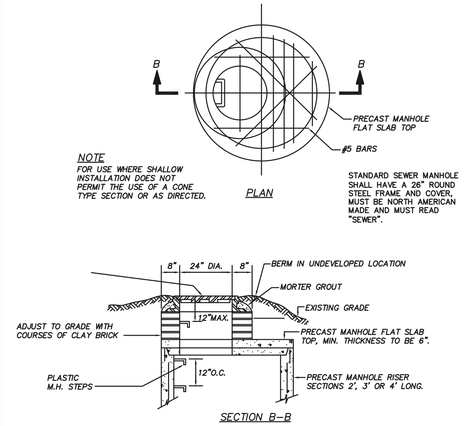
TYPICAL PRECAST CONCRETE SEWER MANHOLE DETAILS

NOT TO SCALE



TYPICAL OUTSIDE DROP INLET MANHOLE DETAILS

NOT TO SCALE



FLAT TOP SECTION

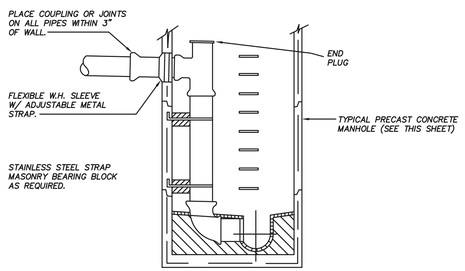
NOT TO SCALE

APPROVED BY THE
BELLINGHAM PLANNING BOARD:

DATE APPROVED:

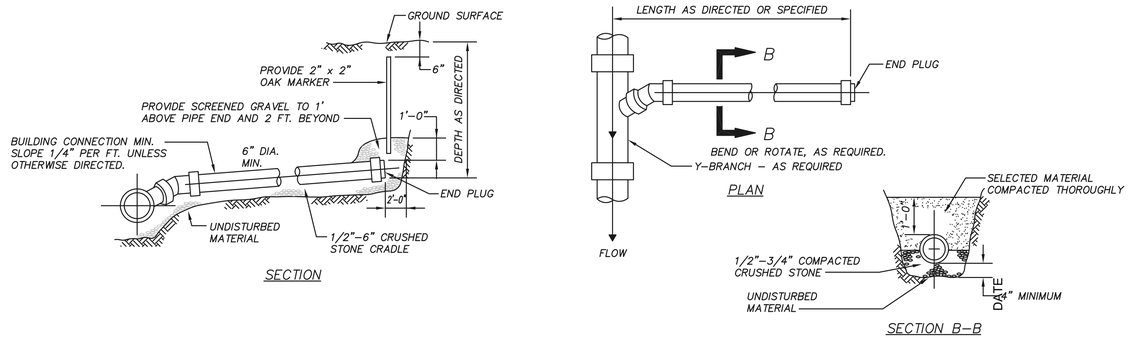
I TOWN CLERK OF THE TOWN OF BELLINGHAM RECEIVED AND RECORDED FROM THE PLANNING BOARD APPROVAL OF THIS PLAN AND NO APPEAL HAS BEEN TAKEN FOR TWENTY DAYS NEXT AFTER RECEIPT AND RECORDING OF SAME.

TOWN CLERK DATE



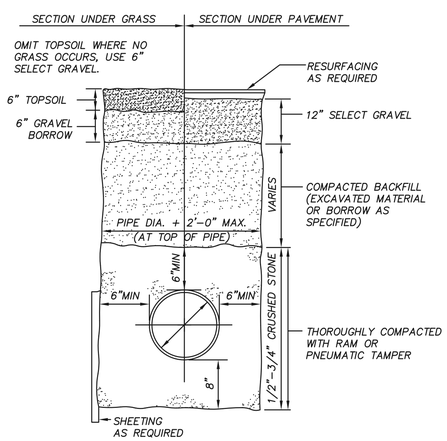
TYPICAL INSIDE DROP INLET MANHOLE DETAILS

NOT TO SCALE



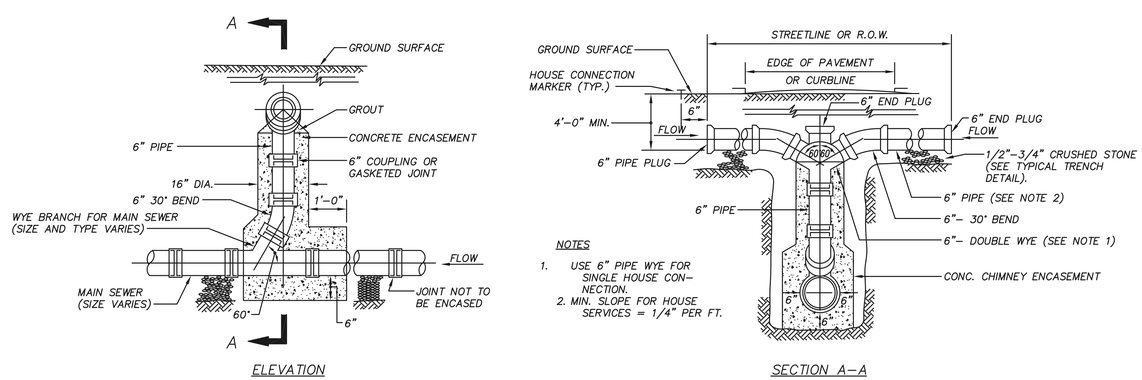
TYPICAL BUILDING CONNECTION

NOT TO SCALE



TYPICAL SEWER TRENCH DETAIL

NOT TO SCALE



TYPICAL HOUSE SERVICE CONNECTION & CHIMNEY DETAIL

(FOR MAIN SEWER OVER 8'–0" DEEP)
NOT TO SCALE

NOTES

1. ALL CONSTRUCTION SHALL CONFORM TO THE TOWN OF BELLINGHAM PLANNING BOARD RULES AND REGULATIONS AND DEPARTMENT OF PUBLIC WORKS STANDARDS AND DETAILS
2. SEWER SERVICES SHALL BE LAID AT LEAST 10'–0" HORIZONTALLY FROM WATER LINES AND SERVICES OR FOLLOW "DEP 2001 GUIDELINES AND POLICIES DOE PUBLIC WATER SYSTEMS" REGARDING VERTICAL SEPARATION. WATER PIPE CROSSINGS MUST PROVIDE A 0'–18" VERTICAL SEPARATION AND FOLLOW "DEP 2001 GUIDELINES AND POLICIES FOR PUBLIC WATER SYSTEMS".
3. NO BACKFILL WHAT–SO–EVER SHALL BE PLACED UNTIL PERMITTED BY THE TOWN ENGINEER OR HIS/HER AGENT.
4. MAXIMUM TRENCH WIDTH SHALL BE THE PIPE DIAMETER PLUS 2'–0".
5. LEDGE, ROCK, BOULDERS AND LARGE STONES SHALL BE REMOVED TO PROVIDE A MINIMUM CLEARANCE OF 0'–6" BELOW AND ON EACH SIDE OF THE PIPE.
6. SEWER SERVICES SHALL BE BEDDED ON A MINIMUM OF 0'–4" THOROUGHLY COMPACTED GRANULAR BEDDING CONSISTING OF 3/4" CRUSHED STONE M.H.D. (M2.01.4).
7. SEWER SERVICES SHALL HAVE A MINIMUM DIAMETER OF 0'–6" AND A MINIMUM SLOPE OF 2.0% (FT./FT).
8. THE SIDES OF THE SERVICES SHALL BE BACKFILLED AND HAND TAMPED. INITIAL BACKFILL MATERIAL SHALL CONTAIN NO STONES LARGER THAN 0'–3".
9. DEBRIS, FROZEN MATERIAL, LARGE CLODS OR STONES, ORGANIC MATTER, OR OTHER MATERIAL DEEMED UNSUITABLE BY THE ENGINEER SHALL NOT BE USED AS BACKFILL WITHIN TWO (2) FEET OF THE TOP OF THE PIPE.
10. SEWER SERVICES SHALL HAVE A MINIMUM COVER OF 4'–0" FROM THE TOP OF THE PIPE. SERVICES UNDER PAVED SURFACES OR SIDEWALKS SHALL BE FORMED OF SUCCESSIVE LAYERS NOT MORE THAN ONE (1) FOOT IN DEPTH, UNIFORMLY DISTRIBUTED AND EACH LAYER THOROUGHLY COMPACTED TO NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY OF THE MATERIAL. JACKING IS NOT ALLOWED.
11. NO PUDDLING OR JETTING IS ALLOWED WITHIN THE PUBLIC LAYOUT WITHOUT WRITTEN PERMISSION OF THE TOWN ENGINEER.

DETAILS

REVISIONS

No.		DESCRIPTION
1	04/02/2024	WETLAND DELINEATION
2	07/15/2024	PLG BRD ENG COMMENTS
3	09/26/2024	NEW ROAD LAYOUT (LAKE ST)

SITE DEVELOPMENT PLAN
"PROSPECT HILL VILLAGE"
A MULTI-UNIT RESIDENTIAL DEVELOPMENT
BELLINGHAM, MASSACHUSETTS

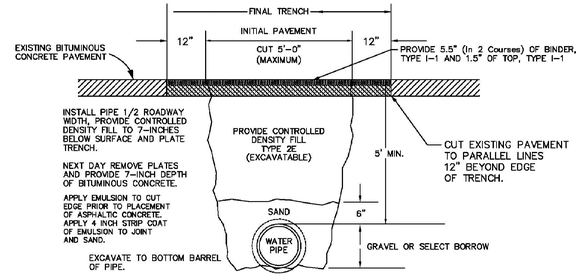
PREPARED FOR:
WALL STREET DEVELOPMENT CORP.
P.O. BOX 272
WESTWOOD, MASSACHUSETTS

GLM Engineering Consultants, Inc.
19 EXCHANGE STREET
HOLLISTON, MA 01746
P: 508–429–1100
F: 508–429–7160
www.GLMengineering.com

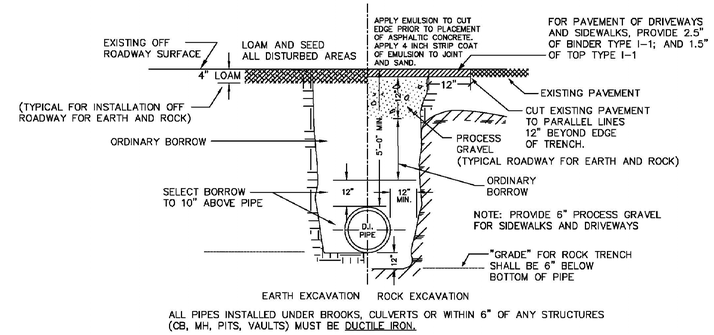
JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"=60'
SHEET:	41 of 43
PLAN #:	27,871

NOTES:

1. ALL NEW WATER MAINS FROM 6" THRU 12" DIAMETER SHALL BE DUCTILE IRON PRESSURE CLASS 350 PIPE.
2. TEFLON TAPE SHALL BE REQUIRED FOR ALL DIRECT TAPS
3. NO DIRECT TAPS GREATER THAN 1" SHALL BE ALLOWED ON 6" THRU 12" DIAM. PIPE
4. ANY BRANCH OR SERVICES LARGER THAN 1" MUST BE ACCOMPLISHED BY INSTALLATION OF APPROPRIATE DUCTILE IRON FITTING



TYPICAL TRENCH RESURFACING
IN STATE HIGHWAY & ON MAIN ROADS

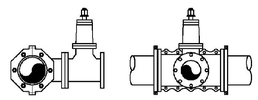


ALL PIPES INSTALLED UNDER BROOKS, CULVERTS OR WITHIN 6" OF ANY STRUCTURES (CB, MH, PITS, VAULTS) MUST BE DUCTILE IRON.

TYPICAL TRENCH SECTION
FOR DUCTILE IRON WATER MAINS

DUCTILE IRON
PIPE COUPLING

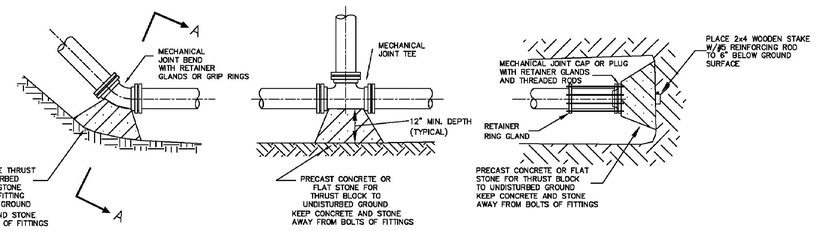
STYLE 501 & RC 501
BY ROMAC INDUSTRIES OR EQUIVALENT
TO BE USED FOR PIPE REPAIRS,
"CUT-INS", COUPLING DIFFERENT
TYPES OF PIPE, & CORRECTING
MISSALIGNED PIPE
(DI to C-900; DI to AC; C-900 to AC)



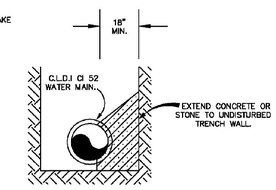
TAPPING SLEEVE & VALVE

MJ TAPPING SLEEVE WITH MUELLER T-2360 (OR EQUIVALENT)
RESILIENT WEDGE TAPPING VALVE - MJ x FL ENDS
OPEN LEFT

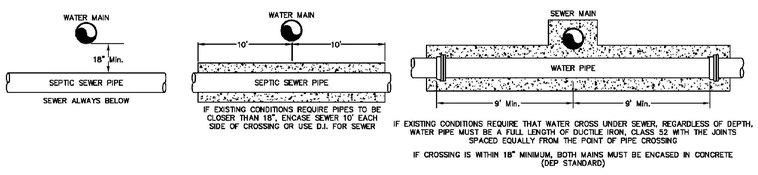
NOTE:
ALL MAIN LINE VALVES - (OPEN LEFT, NON RISING STEM)
SIZES 3" TO 12" - (GATE VALVES)
SIZES GREATER THAN 12" - (BUTTERFLY VALVES)
MUELLER - KENNEDY - DARLING - EPOXY COATED
MUELLER RESILIENT SEAT EPOXY COATED, AWWA APPROVED



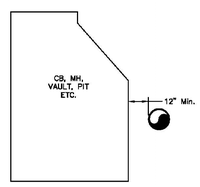
TYPICAL THRUST BLOCK DETAILS



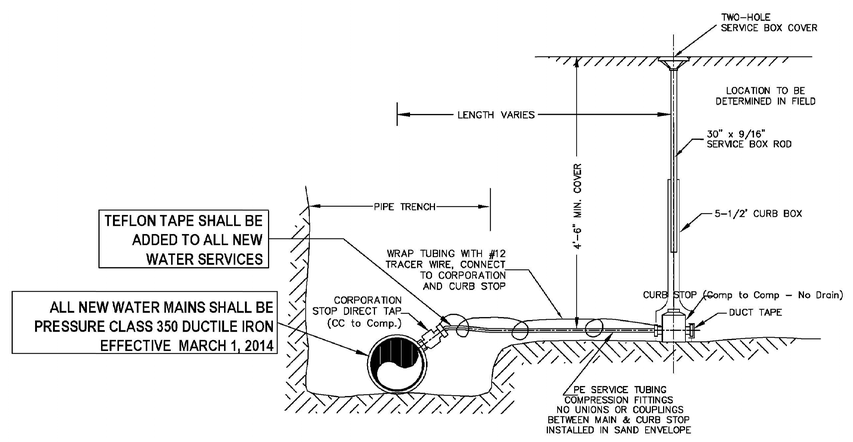
SECTION A-A
NOT TO SCALE



WATER / SEWER CROSSINGS

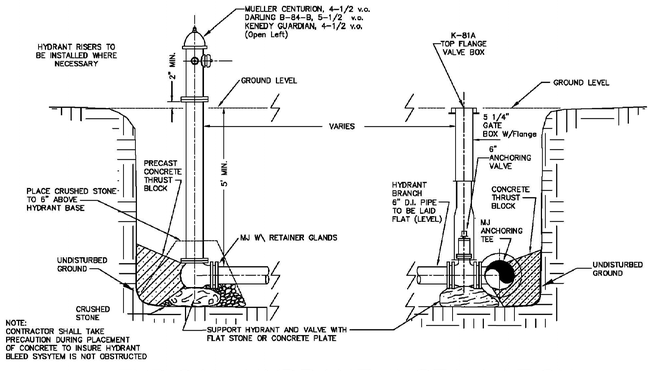


WATER PIPE
CLEARANCE TO STUCTURES

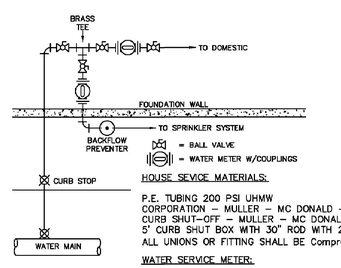


TYPICAL SERVICE CONNECTION

SEE SPEC. SHEET



TYPICAL HYDRANT INSTALLATION



HOUSE SEVICE MATERIALS:

P.E. TUBING 200 PSI UHMW
CORPORATION - MULLER - MC DONALD - RED HED - CC x Compression
CURB SHUT-OFF - MULLER - MC DONALD - RED HED - Compression X Compresssion (No Drains)
5' CURB SHUT BOX WITH 30" ROD WITH 2 HOLE COVER
ALL UNIONS OR FITTING SHALL BE Compression X Compression. UNIONS MUST BE AVOIDED ON NEW SERVICE LINES

WATER SERVICE METER:

SENSUS - 5/8 X 3/4 SRII ECR/DM GALLONS with MXU Transmitter
METERS SHALL BECOME THE PROPOERTY OF THE TOWN OF BELLINGHAM.

METER FITTINGS:

WATTS BALL VALVE - TEFLON COATED
STRAIGHT METER COUPLING - MULLER - MC DONALD - RED HED
BENDS - Compression x MALE THREAD

WATER SERVICE CONNECTION
WITH
SECOND METER
(LAWN SPRINKLER SYSTEMS)

DETAILS

No.		REVISIONS DESCRIPTION
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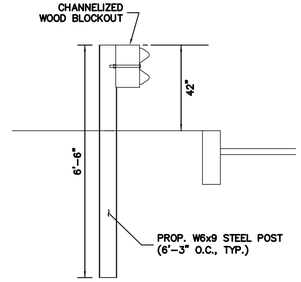
JOB No.	16,590
DATE:	NOV. 30, 2023
SCALE:	1"=60'
SHEET:	42 of 43
PLAN #:	27,871

DEWATERING:
PUMPING AND DEWATERING THE EXCAVATION AREAS SHALL BE DONE IN A MANNER WHICH WILL NOT DISCHARGE ANY SILT SEDIMENT INTO A RESOURCE AREA. DISCHARGES FROM A DEWATERING CONSTRUCTION PROCEDURE WILL BE FILTERED THROUGH A SILTATION BASIN AND/OR A SILT SOCK, CONSTRUCTED UPLAND FROM THE WORK SITE. THE SILTATION BASIN SHALL BE A DEPRESSION SURROUNDED BY A HAYBALE DIKE OR SILT FENCE. OVERFLOW FROM THE SILTATION BASIN SHALL BE PLANNED TO BE LOCATED OVER A THICKLY AND NATURALLY MULCHED UPLAND AREA. ALL BASINS SHALL BE LOCATED AT LEAST 100 FEET UPSLOPE FROM ANY RESOURCE AREA.

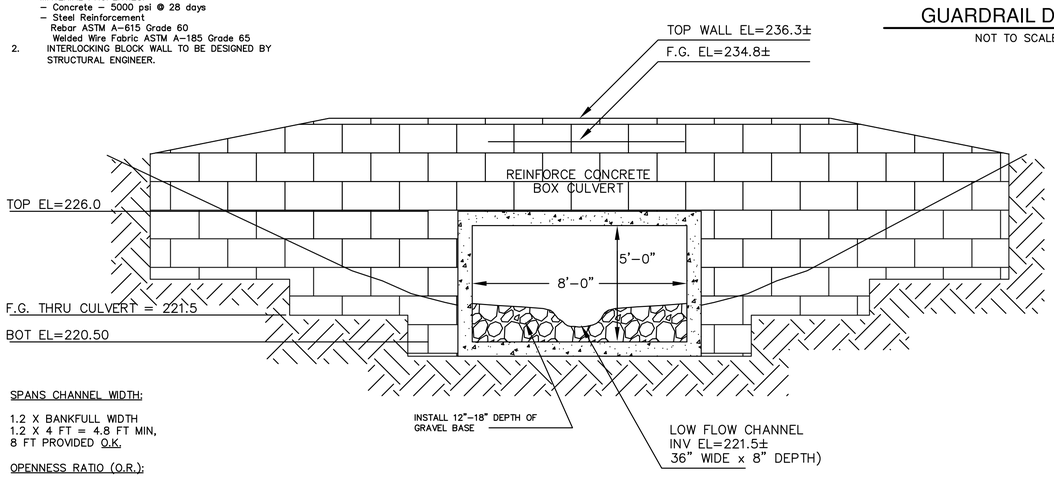
NOTES:
1. ALL GUARDRAIL SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST MassDOT CONSTRUCTION STANDARDS.
2. GUARDRAIL SHALL BE GALVANIZED STEEL 'W' BEAM HIGHWAY GUARD WITH GALVANIZED STEEL POSTS OR COR-TEN WEATHERING STEEL BEAM HIGHWAY GUARD WITH TREATED WOOD POSTS. THE TYPE OF GUARDRAIL TO BE USED WILL BE SPECIFIED BY THE BELLINGHAM DPW.



STEEL POST SHOWN

GUARDRAIL DETAIL
NOT TO SCALE

NOTES:
1. CULVERT DESIGN SPECIFICATIONS:
   - ACI 318 & AASHTO
   MATERIAL PROPERTIES:
   - Concrete - 5000 psi @ 28 days
   - Steel Reinforcement
     Rebar ASTM A-615 Grade 60
     Welded Wire Fabric ASTM A-185 Grade 65
2. INTERLOCKING BLOCK WALL TO BE DESIGNED BY STRUCTURAL ENGINEER.



SPANS CHANNEL WIDTH:

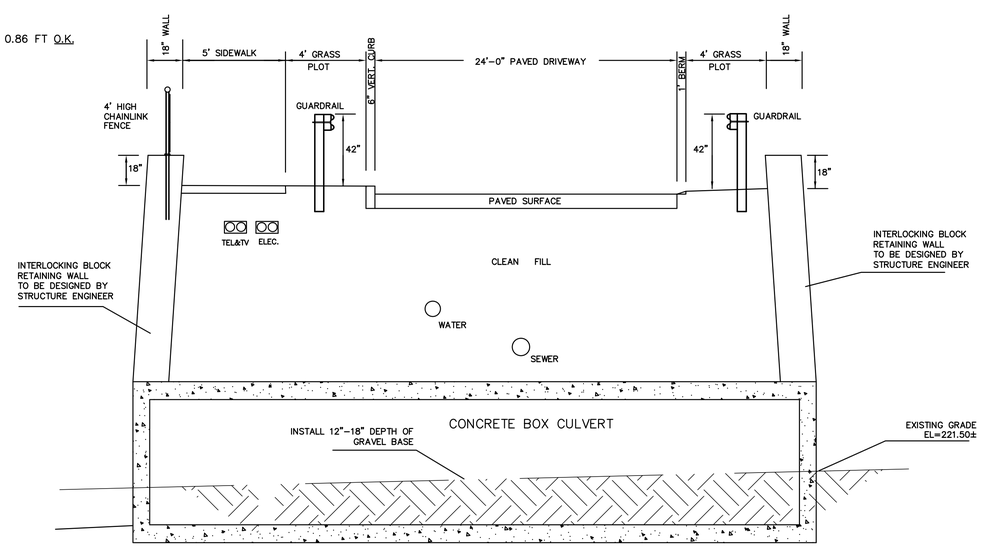
1.2 X BANKFULL WIDTH
1.2 X 4 FT = 4.8 FT MIN,
8 FT PROVIDED O.K.

OPENNESS RATIO (O.R.):

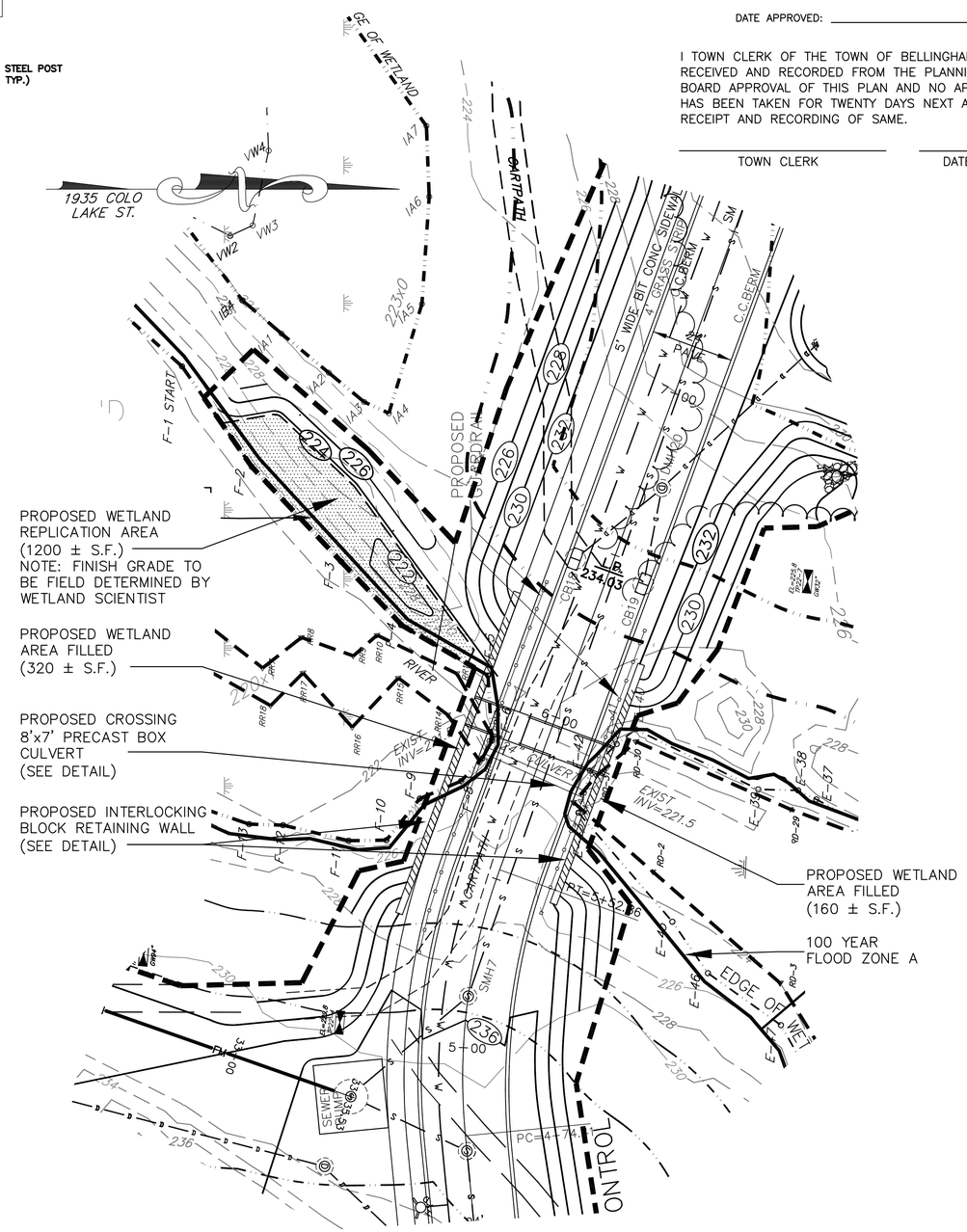
MIN. REQUIRED O.R. = 0.82 FEET
O.R. = (HEIGHT X WIDTH)/LENGTH

AVG. HEIGHT = 4.5 FT
WIDTH = 8 FT
LENGTH = 42 FT

O.R. = (8 X 4.5)/42 = 0.86 FT O.K.



WETLAND CROSSING DETAIL
NOT TO SCALE



PLAN VIEW
1" = 20'

APPROVED BY THE BELLINGHAM PLANNING BOARD:

_____

_____

_____

_____

_____

DATE APPROVED: _____

I TOWN CLERK OF THE TOWN OF BELLINGHAM RECEIVED AND RECORDED FROM THE PLANNING BOARD APPROVAL OF THIS PLAN AND NO APPEAL HAS BEEN TAKEN FOR TWENTY DAYS NEXT AFTER RECEIPT AND RECORDING OF SAME.

_____ TOWN CLERK _____ DATE

REVISIONS

No.	DATE	DESCRIPTION
1	04/02/2024	WETLAND DELINEATION
2	07/15/2024	PLG BRD ENG COMMENTS
3	09/26/2024	NEW ROAD LAYOUT (LAKE ST)

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A MULTI-UNIT RESIDENTIAL DEVELOPMENT
BELLINGHAM, MASSACHUSETTS

PREPARED FOR:
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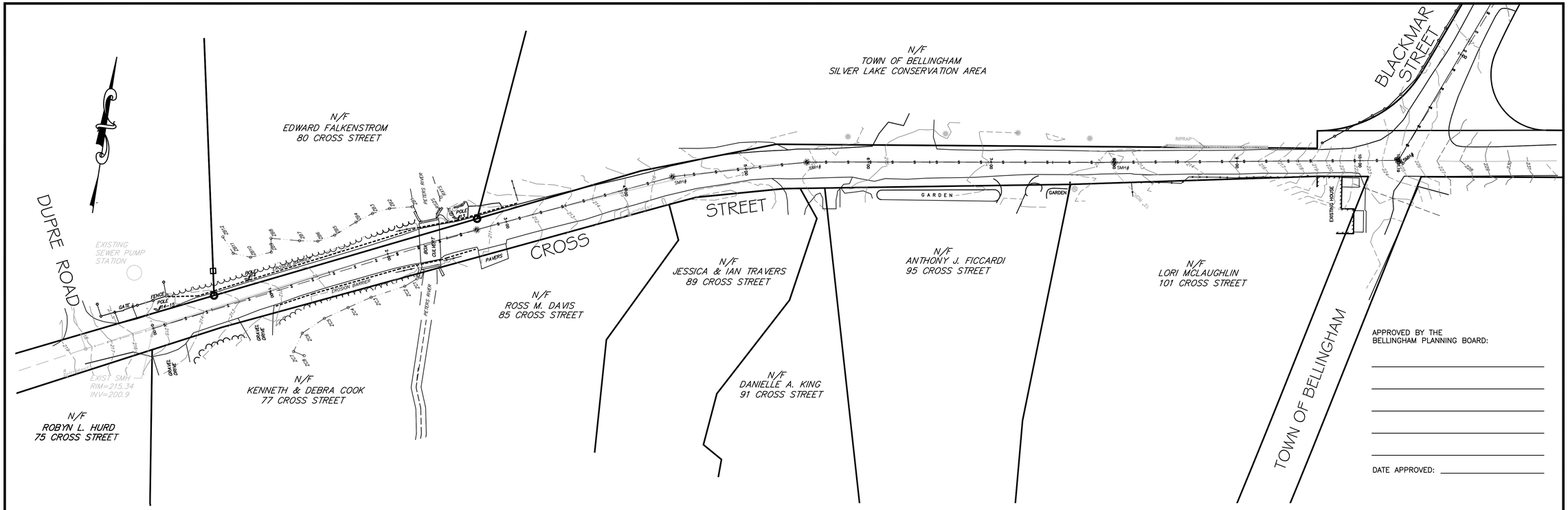
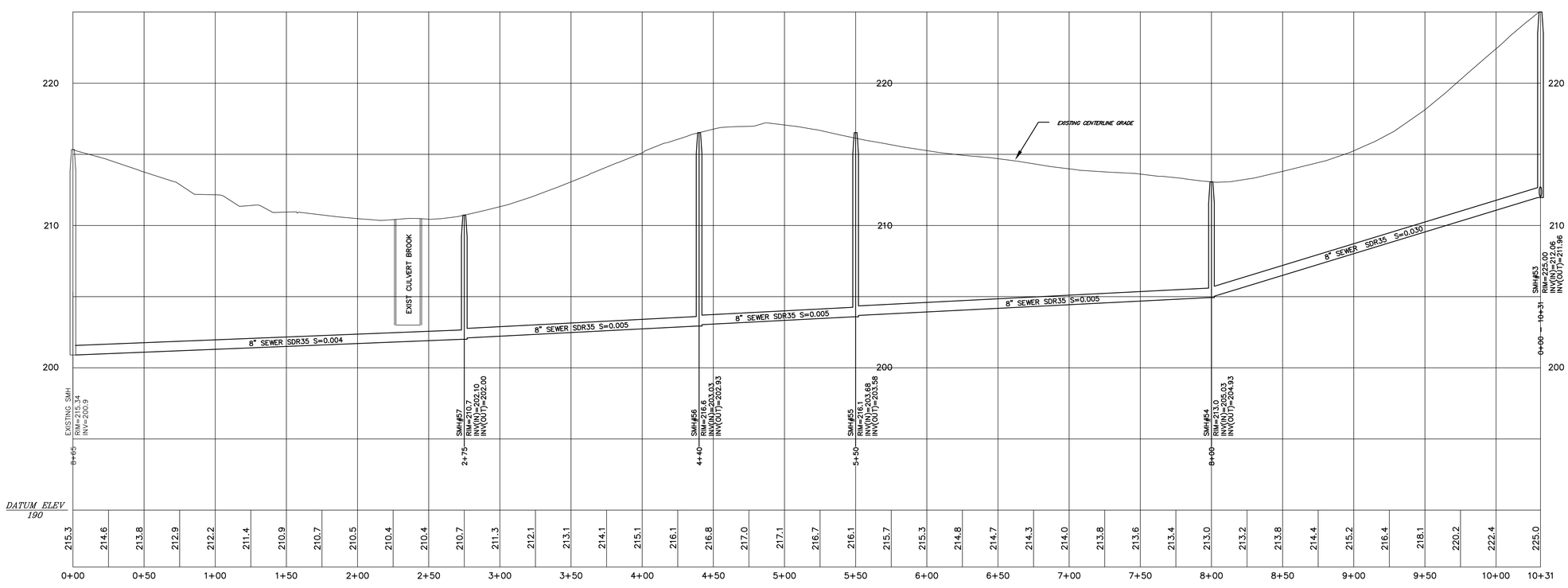
JOB No.	16,590
DATE:	November 30, 2023
SCALE:	1"= 20'
SHEET:	43 of 43
PLAN #:	27,871

WETLAND REPLICATION PLAN



APPROVED BY THE
BELLINGHAM PLANNING BOARD:

DATE APPROVED:



SCALE: Horiz: 1"=40'; Vert: 1"=4'

LEGEND

- EXISTING UTILITY POLE
- PROPOSED HYDRANT
- EXISTING WATER LINE
- EXISTING CONTOUR LINE
- PROPOSED CONTOUR LINE
- PROPOSED CATCH BASIN
- PROPOSED DRAIN MANHOLE
- PROPOSED DRAIN LINE
- PROPOSED SEWER MANHOLE
- PROPOSED SEWER LINE
- PROPOSED CAPE COD BERM
- WETLAND DELINEATION FLAG
- DEEP HOLE TEST PIT

PLAN & PROFILE CROSS STREET SEWER EXTENSION PLAN

No.	DATE	DESCRIPTION

REVISIONS

SITE DEVELOPMENT PLAN "PROSPECT HILL VILLAGE" A MULTI-UNIT RESIDENTIAL DEVELOPMENT BELLINGHAM, MASSACHUSETTS

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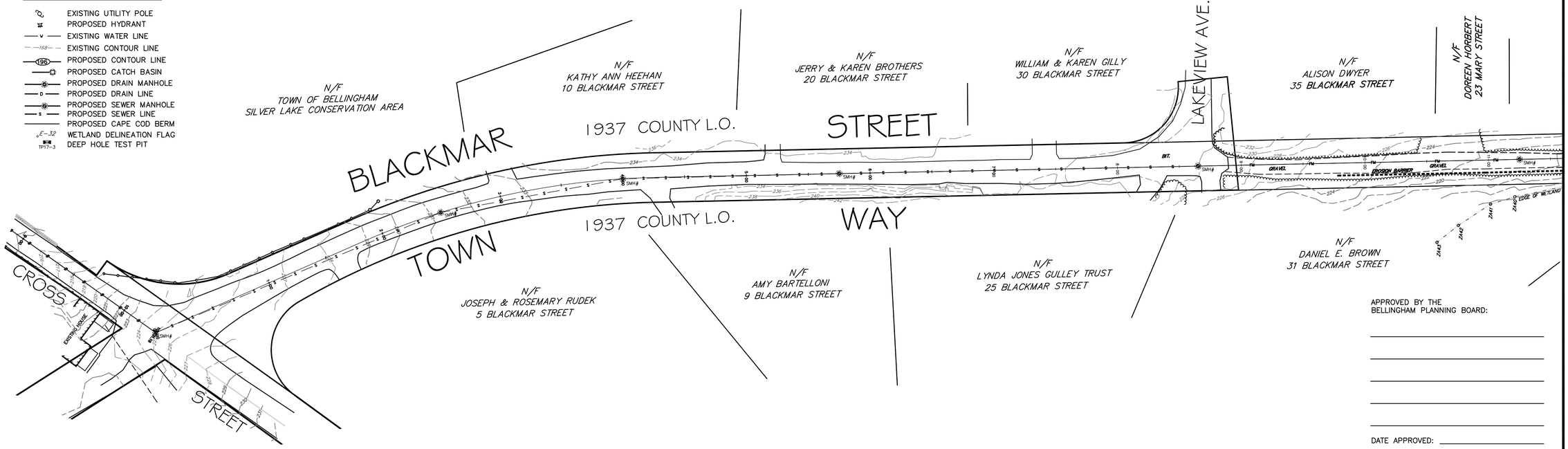
JOB No.	16,590
DATE:	AUG. 12, 2024
SCALE:	1"= 40'
SHEET:	S1 OF 4
PLAN #:	27,871

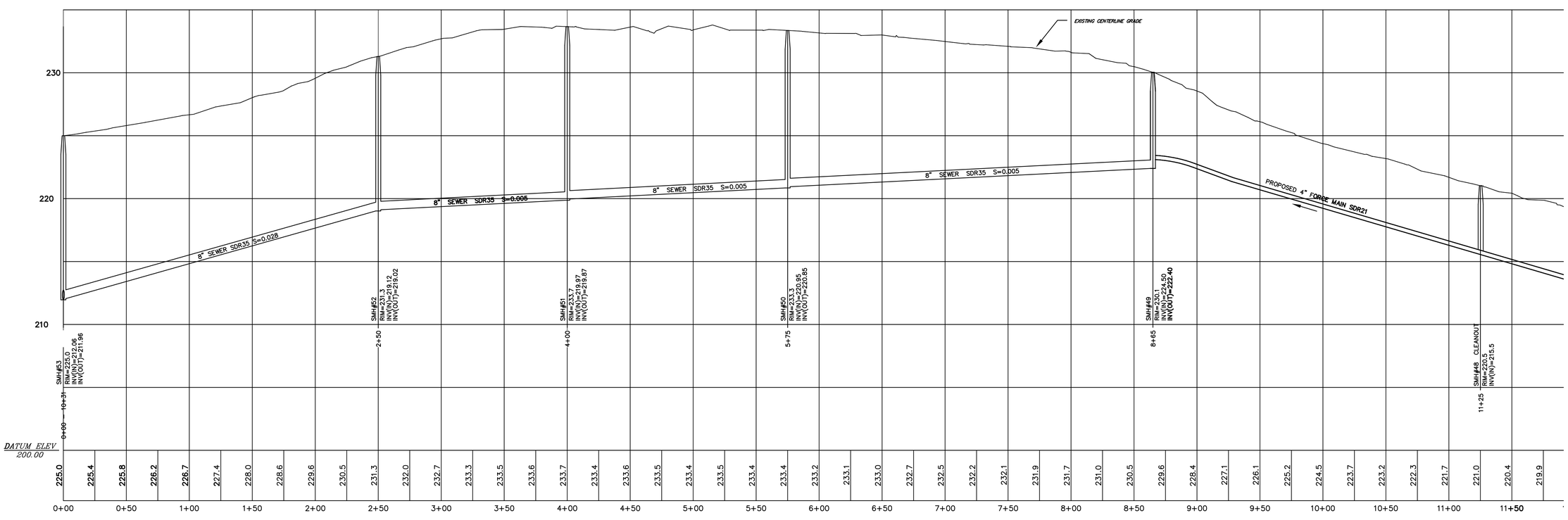
LEGEND

- EXISTING UTILITY POLE
- PROPOSED HYDRANT
- EXISTING WATER LINE
- EXISTING CONTOUR LINE
- PROPOSED CONTOUR LINE
- PROPOSED CATCH BASIN
- PROPOSED DRAIN MANHOLE
- PROPOSED DRAIN LINE
- PROPOSED SEWER MANHOLE
- PROPOSED SEWER LINE
- PROPOSED CAPE COD BERM
- WETLAND DELINEATION FLAG
- DEEP HOLE TEST PIT



APPROVED BY THE
BELLINGHAM PLANNING BOARD:

DATE APPROVED:



SCALE: Horiz: 1"=40'; Vert: 1"=4'

PLAN & PROFILE BLACKMAR ST.
SEWER EXTENSION PLAN

No.	DATE	REVISIONS DESCRIPTION

SEWER EXTENSION PLAN
"PROSPECT HILL VILLAGE"
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BELLINGHAM, MASSACHUSETTS

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JOB No.	16,590
DATE:	AUG. 12, 2024
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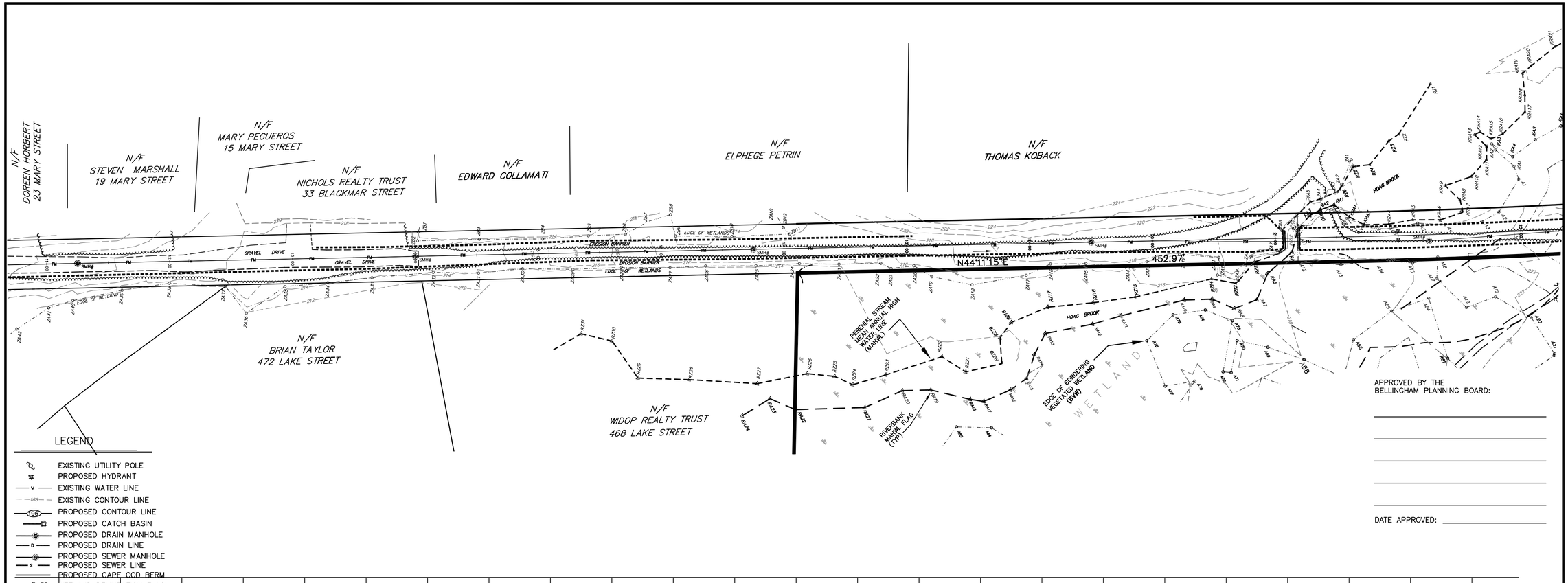
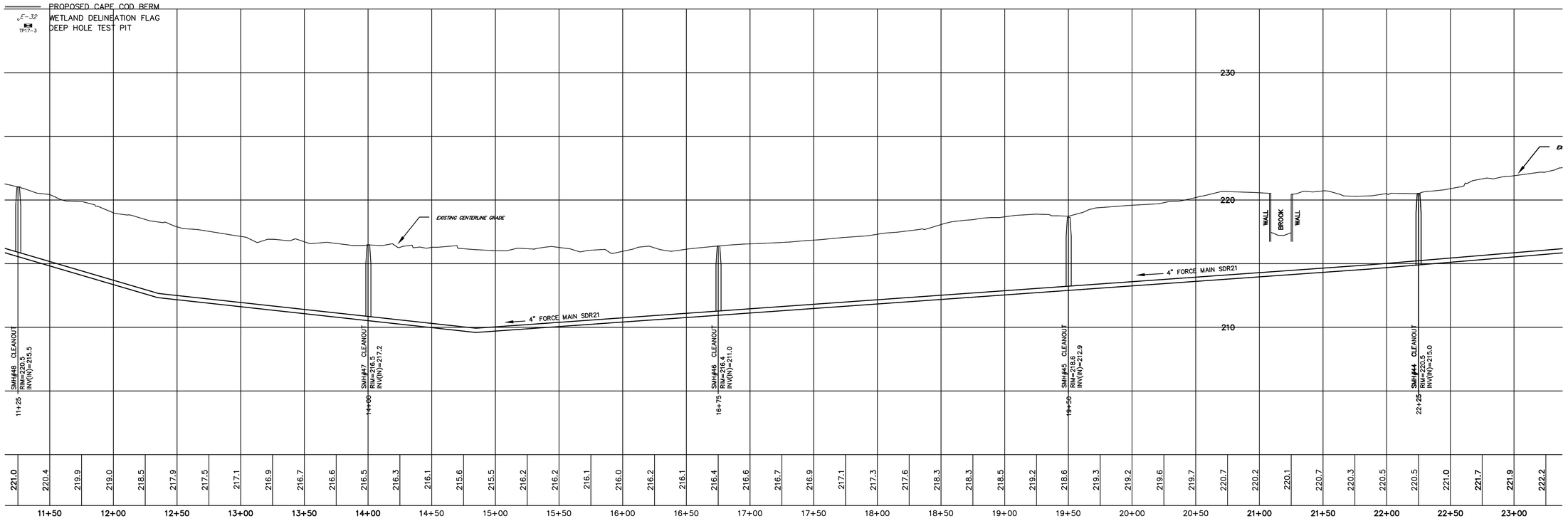
SHEET:	S2 OF 4
PLAN #:	27,871



LEGEND

- EXISTING UTILITY POLE
- PROPOSED HYDRANT
- EXISTING WATER LINE
- EXISTING CONTOUR LINE
- PROPOSED CONTOUR LINE
- PROPOSED CATCH BASIN
- PROPOSED DRAIN MANHOLE
- PROPOSED DRAIN LINE
- PROPOSED SEWER MANHOLE
- PROPOSED SEWER LINE
- PROPOSED CAPE COD BERM
- WETLAND DELINEATION FLAG
- DEEP HOLE TEST PIT



SCALE: Horiz: 1"=40'; Vert: 1"=4'

PLAN & PROFILE BLACKMAR ST.
SEWER EXTENSION PLAN

No.	DATE	REVISIONS DESCRIPTION

SEWER EXTENSION PLAN
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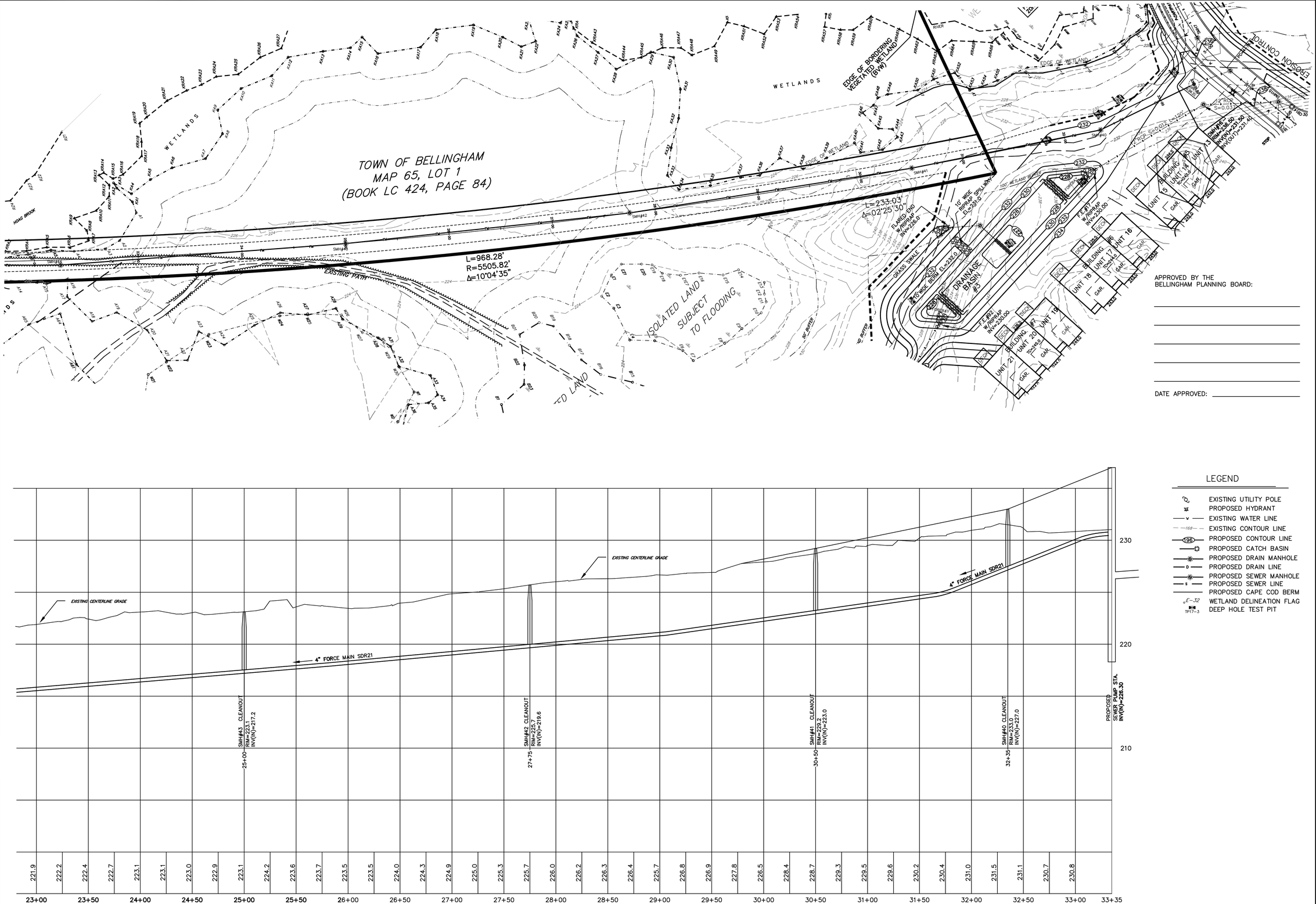

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- EXISTING UTILITY POLE
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- EXISTING WATER LINE
- EXISTING CONTOUR LINE
- PROPOSED CONTOUR LINE
- PROPOSED CATCH BASIN
- PROPOSED DRAIN MANHOLE
- PROPOSED DRAIN LINE
- PROPOSED SEWER MANHOLE
- PROPOSED SEWER LINE
- PROPOSED CAPE COD BERM
- WETLAND DELINEATION FLAG
- DEEP HOLE TEST PIT

PLAN & PROFILE
SEWER EXTENSION PLAN

No.	DATE	DESCRIPTION

REVISIONS

SEWER EXTENSION PLAN
"PROSPECT HILL VILLAGE"
A MULTI-UNIT RESIDENTIAL DEVELOPMENT
BELLINGHAM, MASSACHUSETTS

PREPARED FOR:
WALL STREET DEVELOPMENT CORP.
P.O. BOX 272
WESTWOOD, MASSACHUSETTS

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JOB No.	16,590
DATE:	AUG. 12, 2024
SCALE:	1"= 40'
SHEET:	S4 OF 4
PLAN #:	27,871