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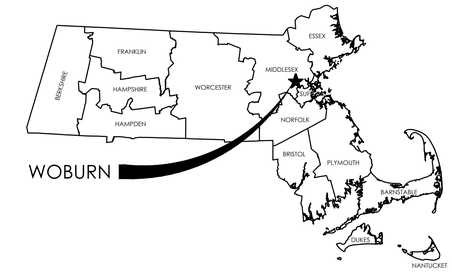
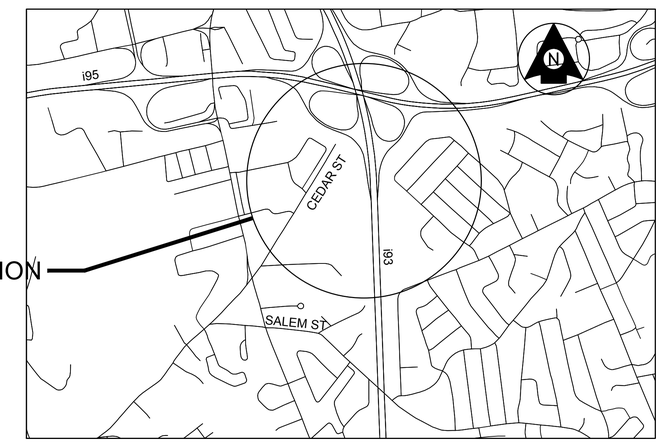


LOCATION MAP

WOBURN, MA

CEDAR STREET ON-RAMP FEASIBILITY STUDY



VICINITY MAP
1" = 2500'

SHEET NO.	DESCRIPTION
1	TITLE SHEET AND INDEX
2 - 5	CONSTRUCTION PLANS
6 - 7	PROFILES
8 - 18	CROSS-SECTIONS

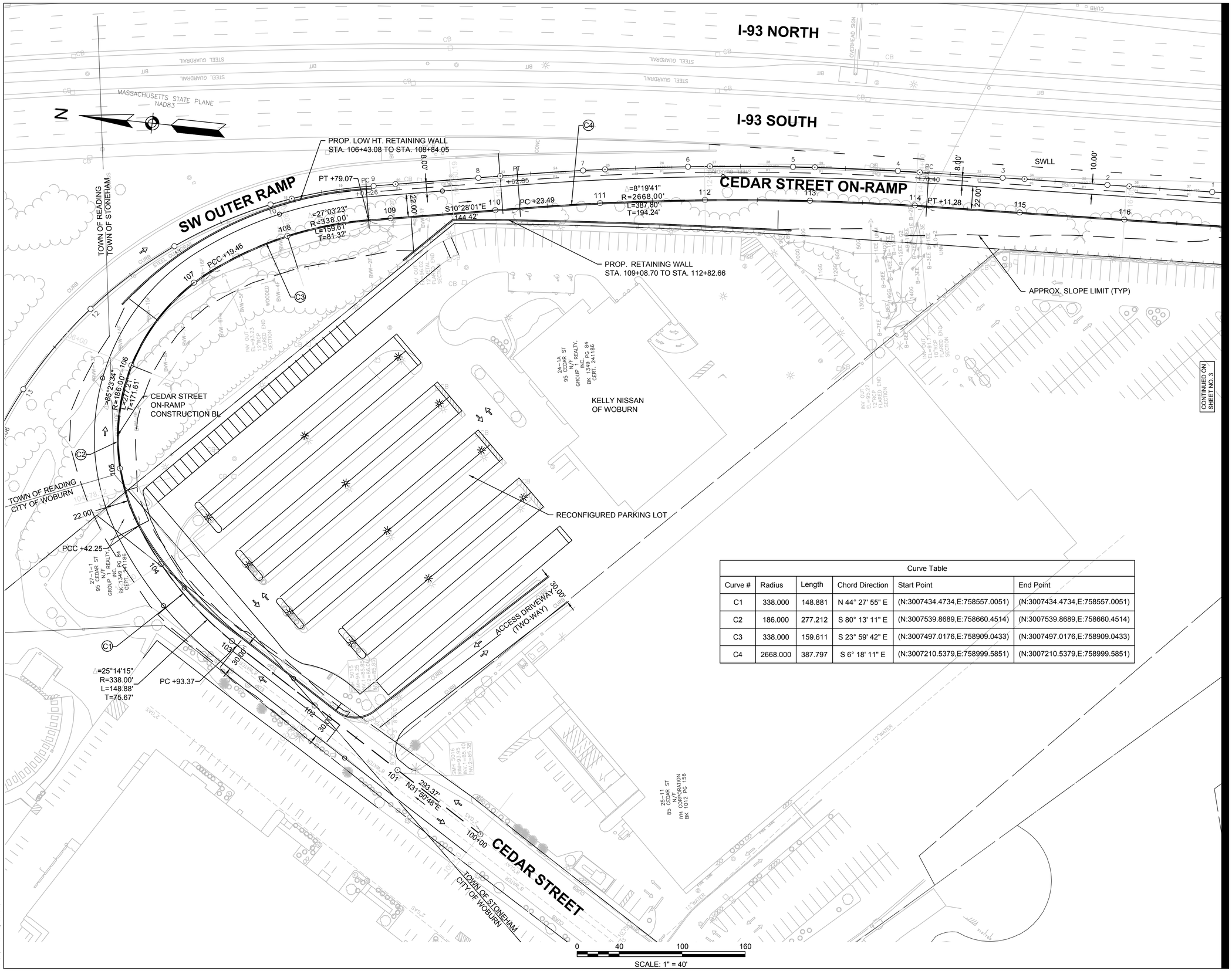
THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES DATED 1988, AS AMENDED, THE ENGLISH SUPPLEMENTAL SPECIFICATIONS DATED JULY 1, 2015, THE 2014 CONSTRUCTION STANDARD DETAILS, THE 1996 CONSTRUCTION AND TRAFFIC STANDARD DETAILS (AS RELATES TO TRAFFIC STANDARD DETAILS ONLY), THE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS WITH MASSACHUSETTS AMENDMENTS, THE 1990 STANDARD DRAWINGS FOR TRAFFIC SIGNALS AND HIGHWAY LIGHTING AND THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK WILL GOVERN.

FEBRUARY 2019

PROJECT NUMBER: 179410749

FEASIBILITY STUDY

ORIGINAL SHEET - ARCH D



Curve Table					
Curve #	Radius	Length	Chord Direction	Start Point	End Point
C1	338.000	148.881	N 44° 27' 55" E	(N:3007434.4734,E:758557.0051)	(N:3007434.4734,E:758557.0051)
C2	186.000	277.212	S 80° 13' 11" E	(N:3007539.8689,E:758660.4514)	(N:3007539.8689,E:758660.4514)
C3	338.000	159.611	S 23° 59' 42" E	(N:3007497.0176,E:758909.0433)	(N:3007497.0176,E:758909.0433)
C4	2668.000	387.797	S 6° 18' 11" E	(N:3007210.5379,E:758999.5851)	(N:3007210.5379,E:758999.5851)

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2019/02/21 2:33 PM By: Cardino, Luciana

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Client/Project

CITY OF WOBURN

CEDAR STREET ON-RAMP FEASIBILITY STUDY

WOBURN, MA

Title

CONSTRUCTION PLAN PART 1 OF 4

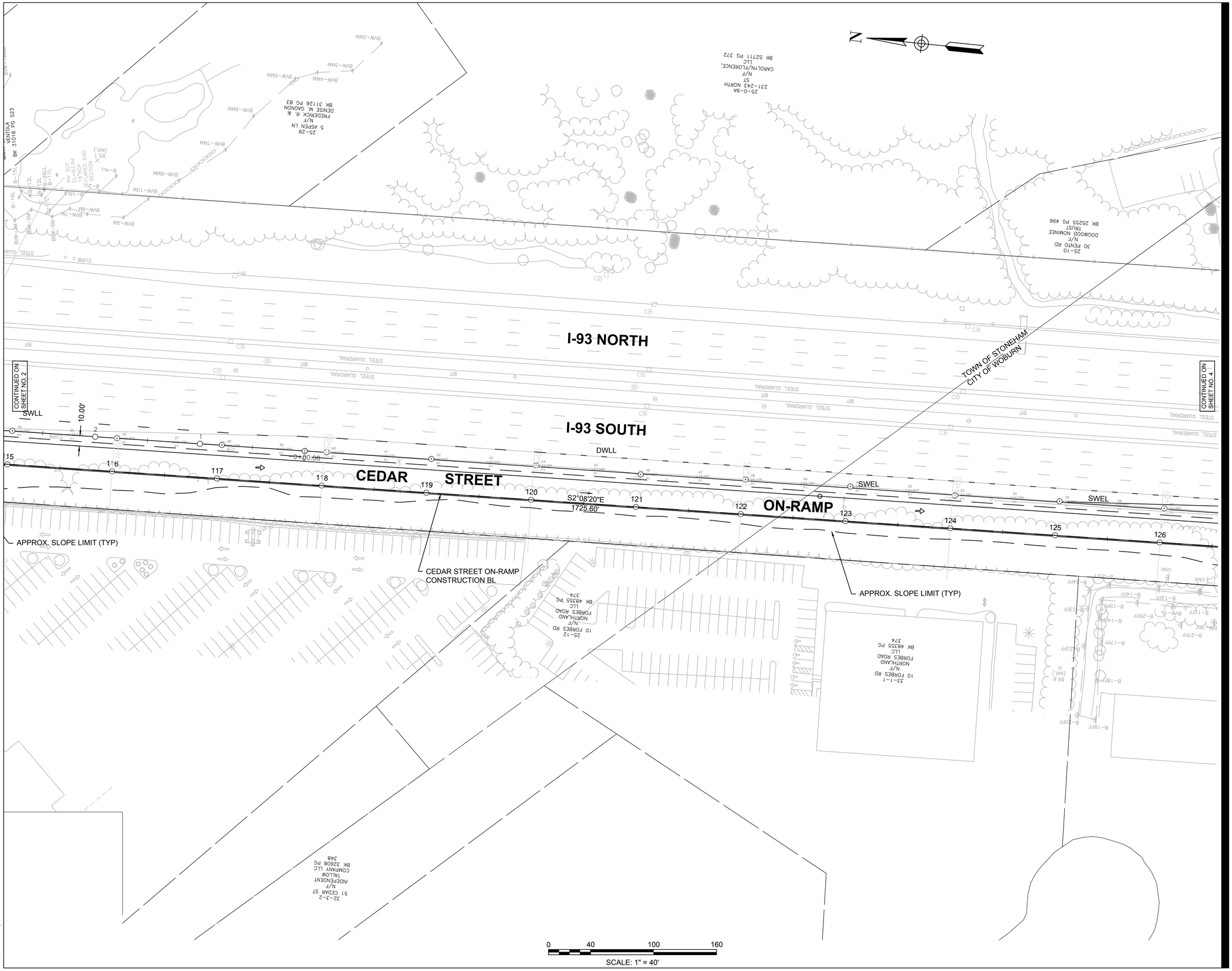
Project No. 179410749

Scale

Drawing No.

Sheet

Revision



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Client/Project
CITY OF WOBURN

CEDAR STREET ON-RAMP
FEASIBILITY STUDY

WOBURN, MA

Title
CONSTRUCTION PLAN
PART 2 OF 4

Project No.	Scale	
179410749		
Drawing No.	Sheet	Revision

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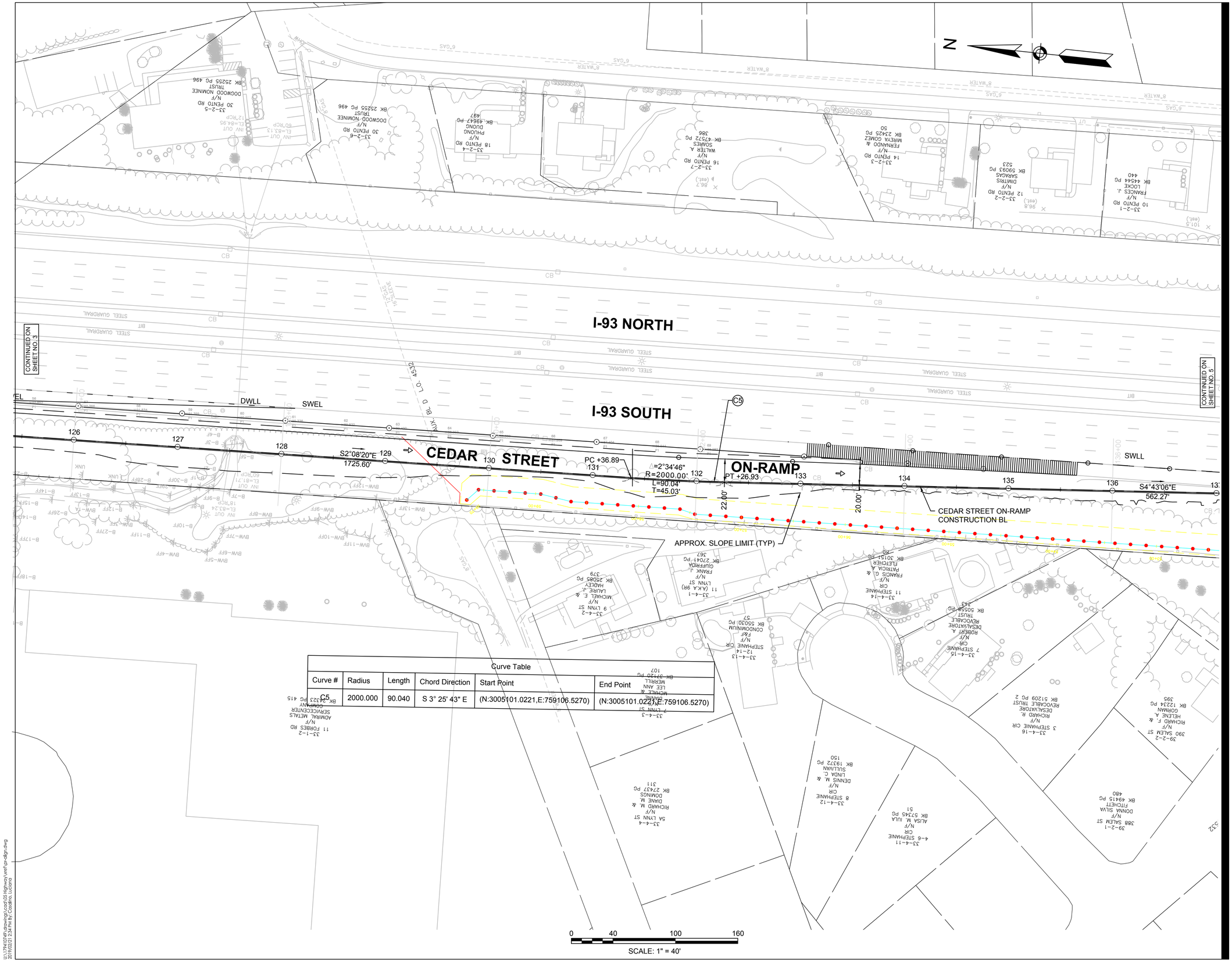

Curve Table					
Curve #	Radius	Length	Chord Direction	Start Point	End Point
C5	2000.000	90.040	S 3° 25' 43" E	(N:3005101.0221,E:759106.5270)	(N:3005101.0221,E:759106.5270)

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CITY OF WOBURN

CEDAR STREET ON-RAMP
FEASIBILITY STUDY

WOBURN, MA

Title

CONSTRUCTION PLAN
PART 3 OF 4

Project No.	Scale	
179410749		
Drawing No.	Sheet	Revision

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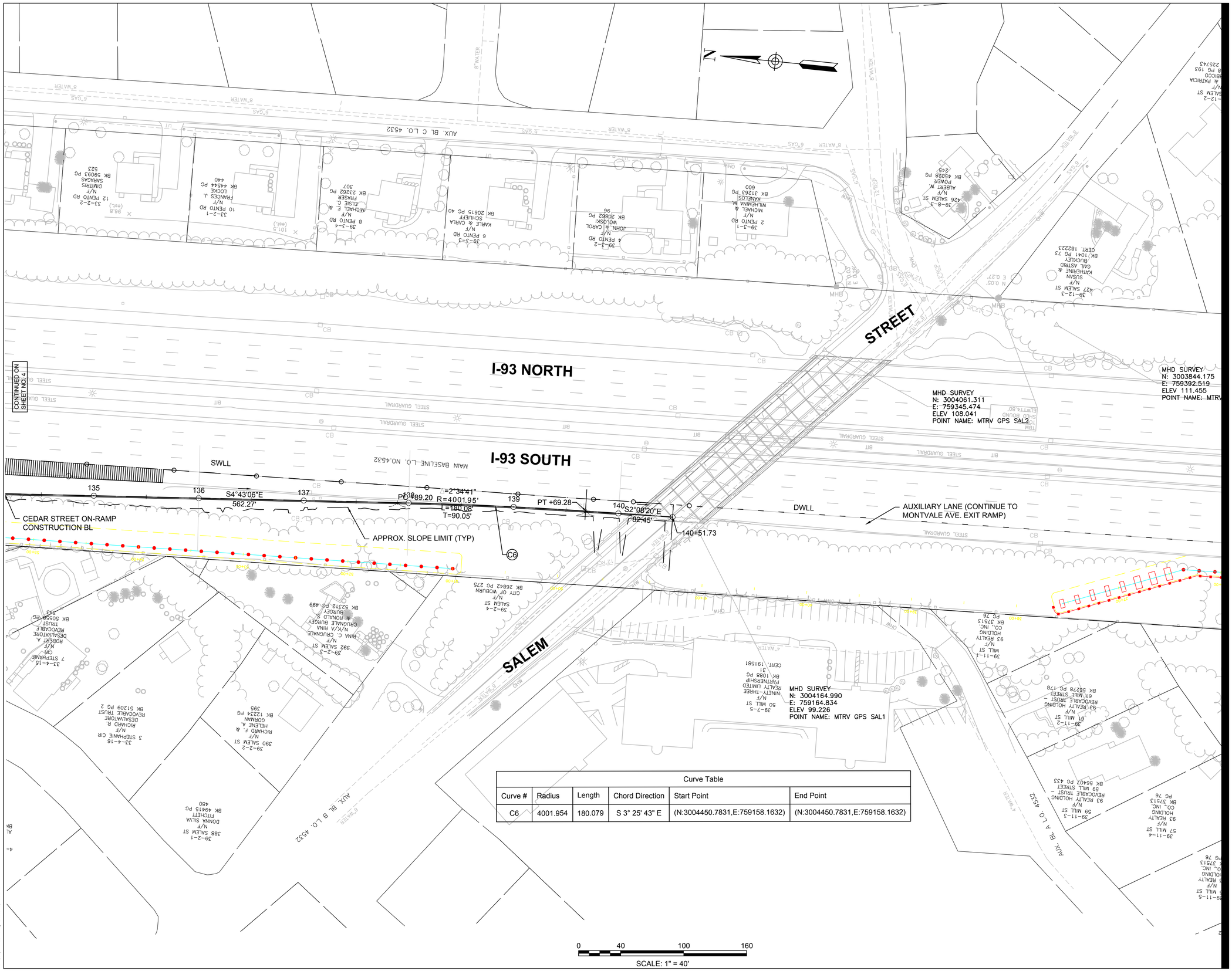

Curve Table					
Curve #	Radius	Length	Chord Direction	Start Point	End Point
C6	4001.954	180.079	S 3° 25' 43" E	(N:3004450.7831,E:759158.1632)	(N:3004450.7831,E:759158.1632)

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2019/02/21 2:35 PM By: Cardino, Luciana

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CEDAR STREET ON-RAMP FEASIBILITY STUDY

WOBURN, MA

Title

CONSTRUCTION PLAN PART 4 OF 4

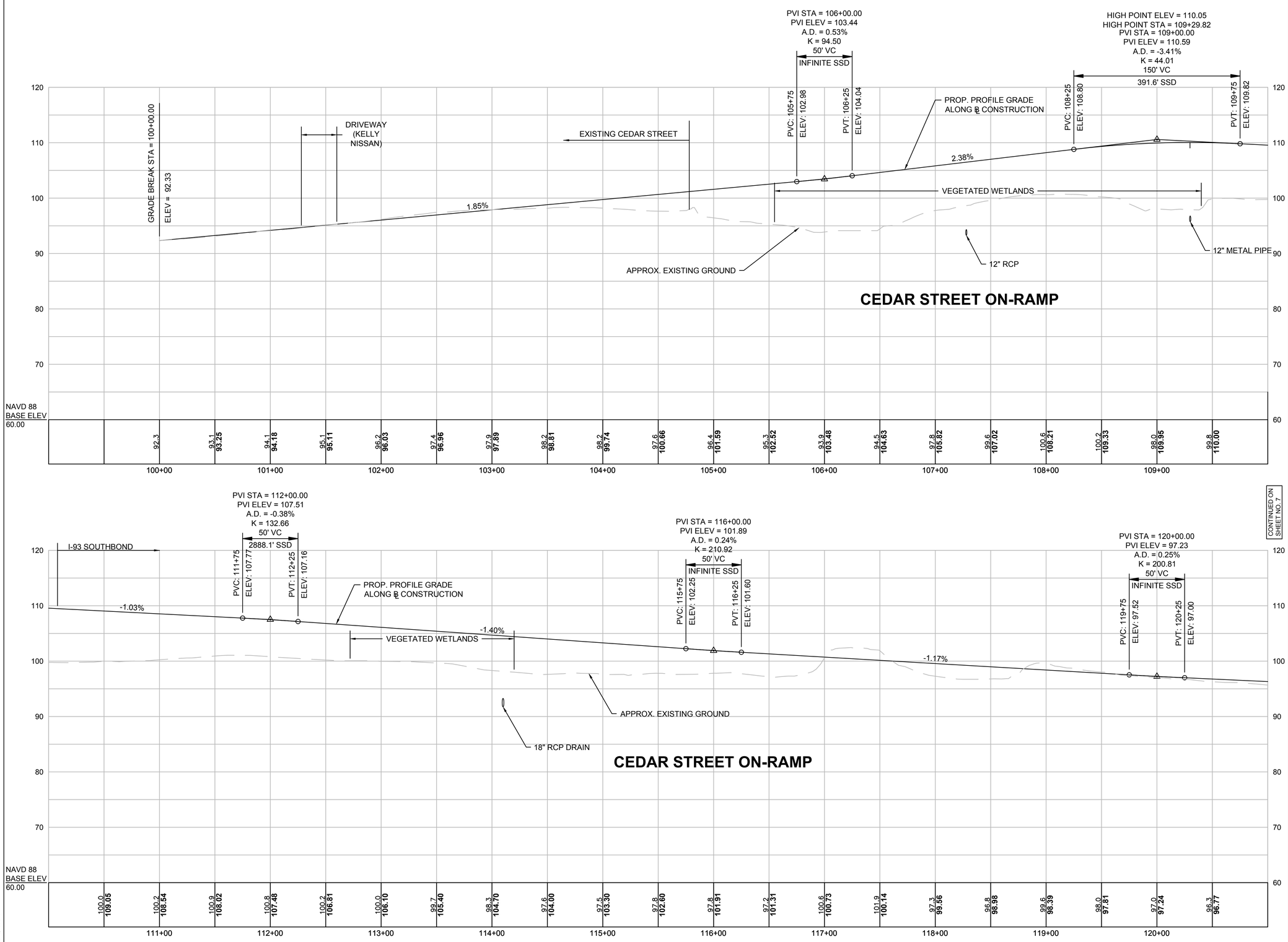
Project No. 179410749

Scale

Drawing No.

Sheet

Revision



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CITY OF WOBURN

CEDAR STREET ON-RAMP
FEASIBILITY STUDY

WOBURN, MA

Title
PROFILE
PART 1 OF 2

Project No. 179410749
Scale
Drawing No.
Sheet
Revision

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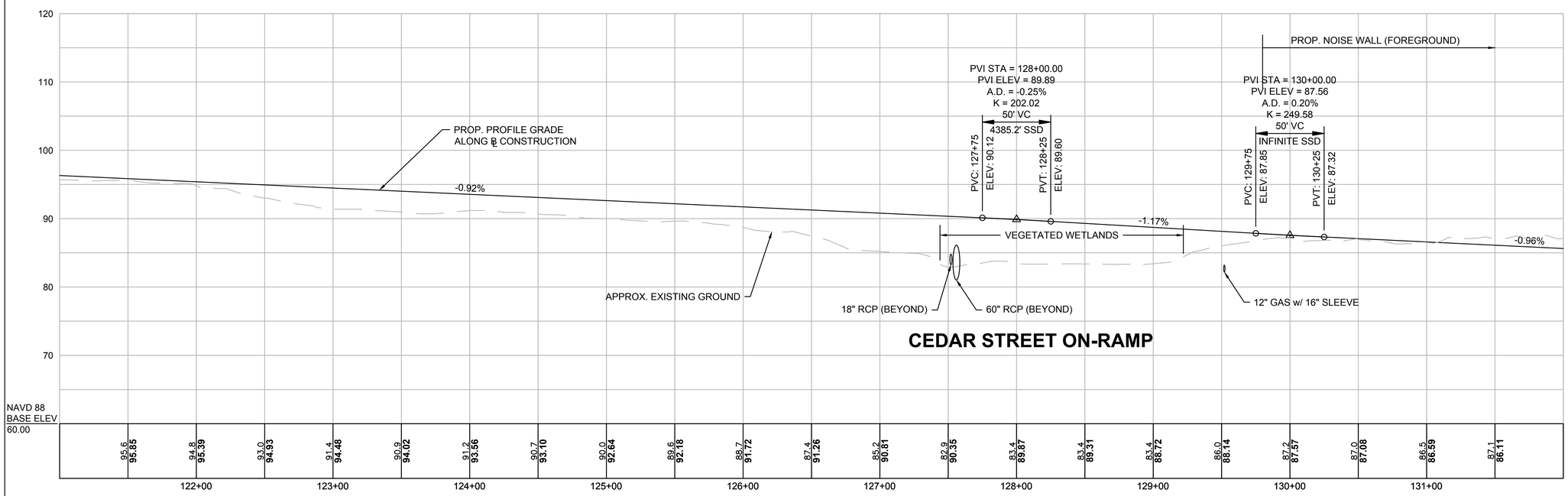

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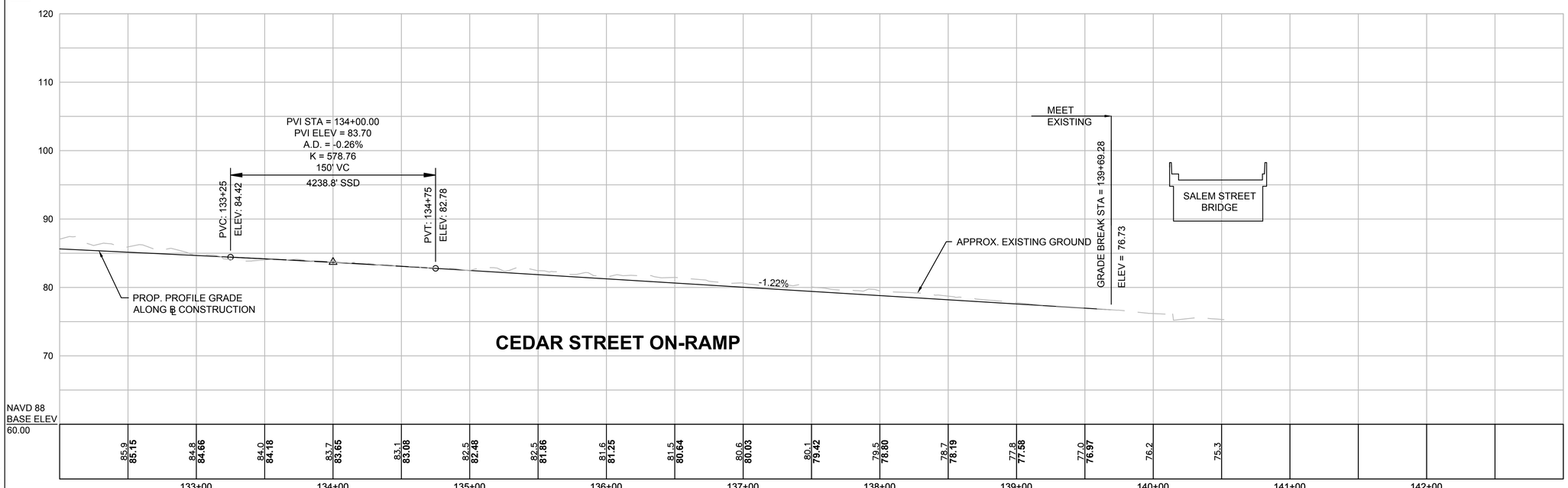

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SCALE: 1" = 40'

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Client/Project

CITY OF WOBURN

CEDAR STREET ON-RAMP
FEASIBILITY STUDY

WOBURN, MA

Title

PROFILE
PART 2 OF 2

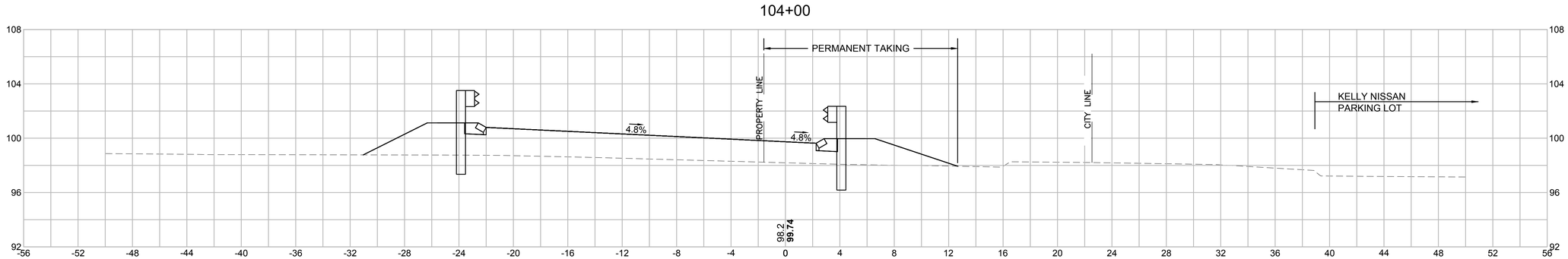
Project No. 179410749

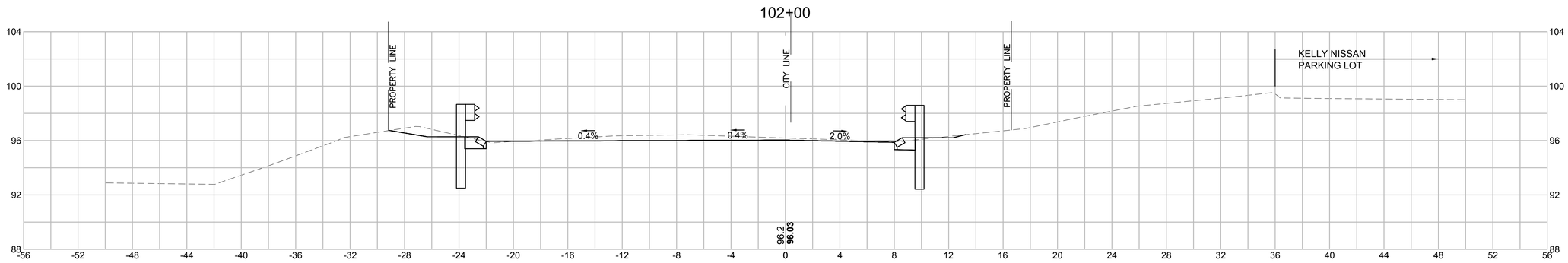
Scale

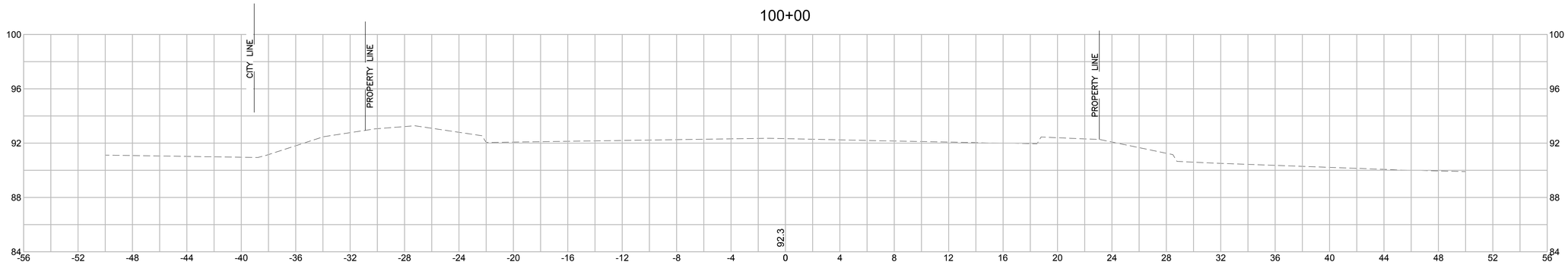
Drawing No.

Sheet

Revision







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4 0 4 8
4 0 4 8
VER. SCALE IN FEET

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Client/Project
CITY OF WOBURN

CEDAR STREET ON-RAMP
FEASIBILITY STUDY

WOBURN, MA

Title
CROSS-SECTIONS
PART 1 OF 11

Project No. 179410749
Scale
Drawing No.
Sheet
Revision

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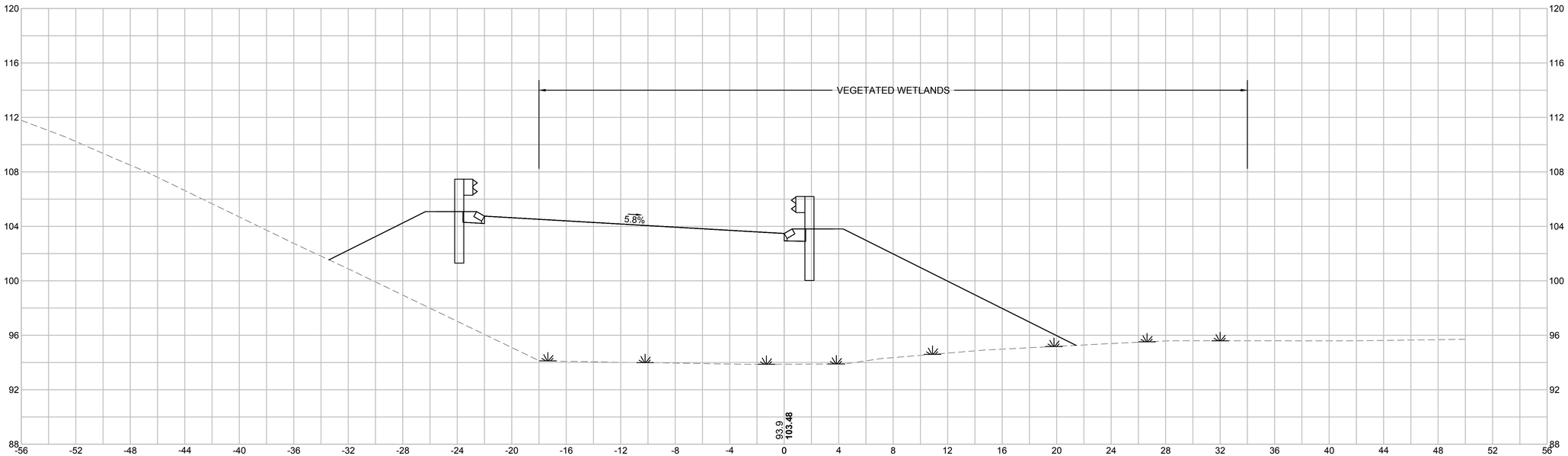
2019/02/21 3:21 PM By: Casalino, Luciana

106+00



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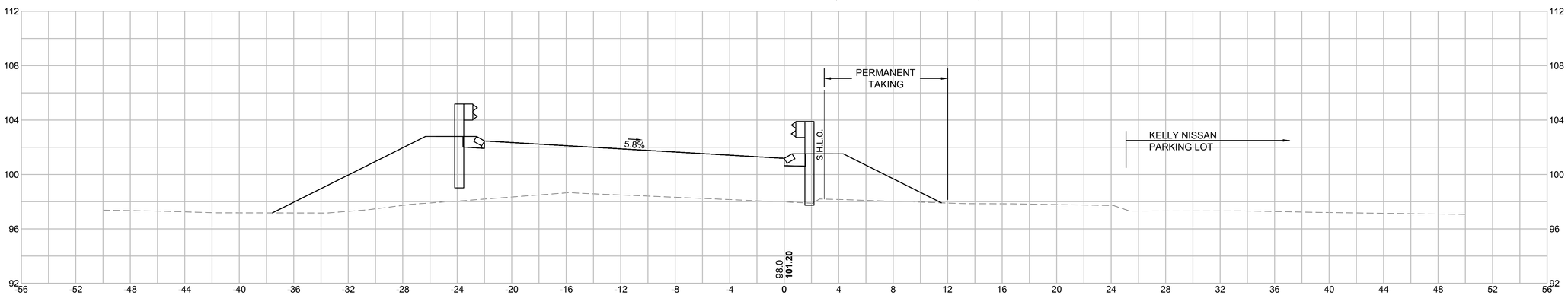

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Client/Project
CITY OF WOBURN

CEDAR STREET ON-RAMP
FEASIBILITY STUDY

WOBURN, MA

Title
CROSS-SECTIONS
PART 2 OF 11

Project No. 179410749
Scale
Drawing No.
Sheet
Revision

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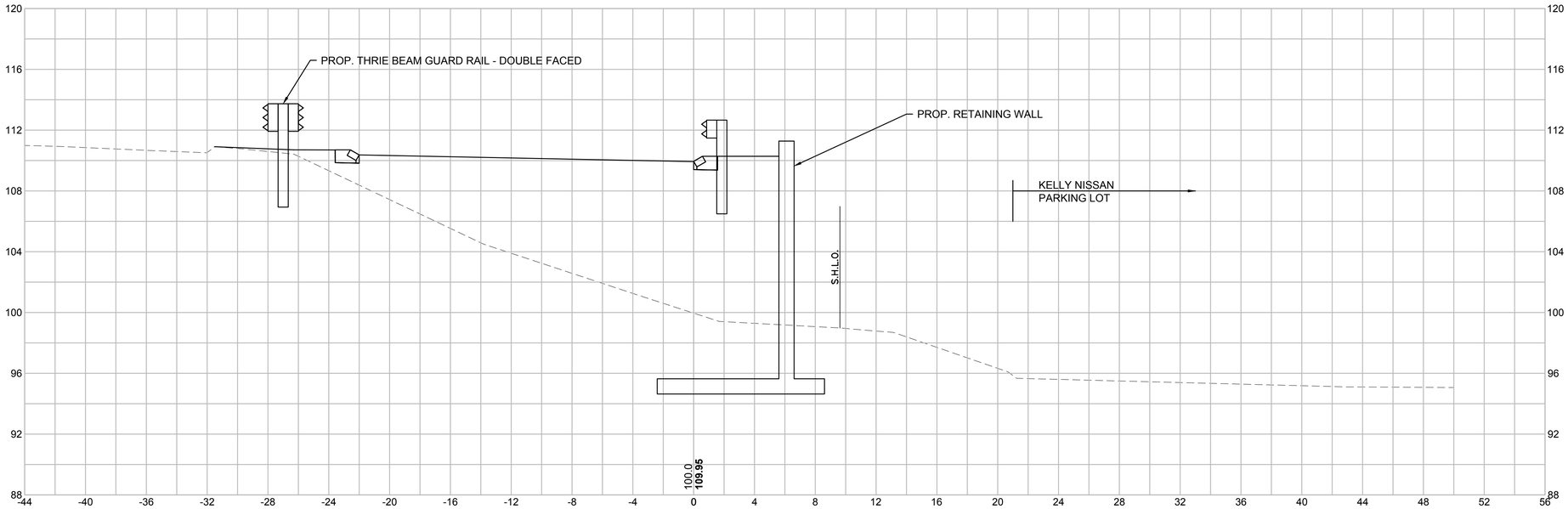

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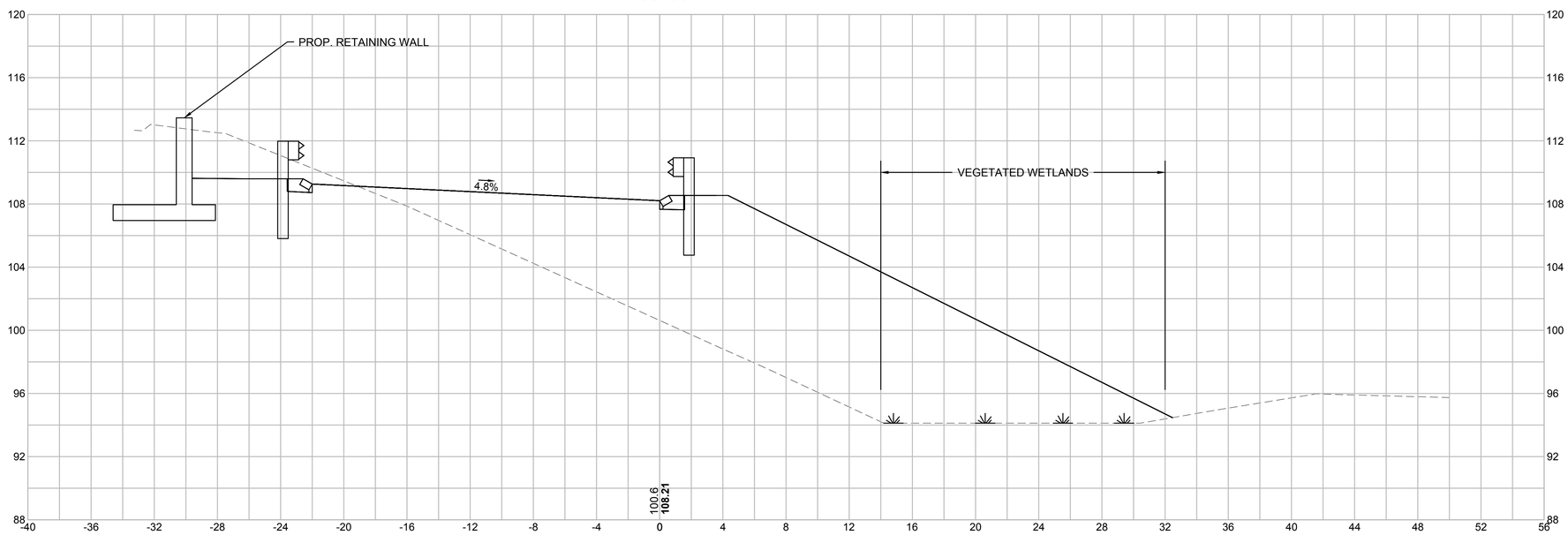

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Client/Project
CITY OF WOBURN

CEDAR STREET ON-RAMP
FEASIBILITY STUDY

WOBURN, MA

Title
CROSS-SECTIONS
PART 3 OF 11

Project No. 179410749
Scale
Drawing No.
Sheet
Revision

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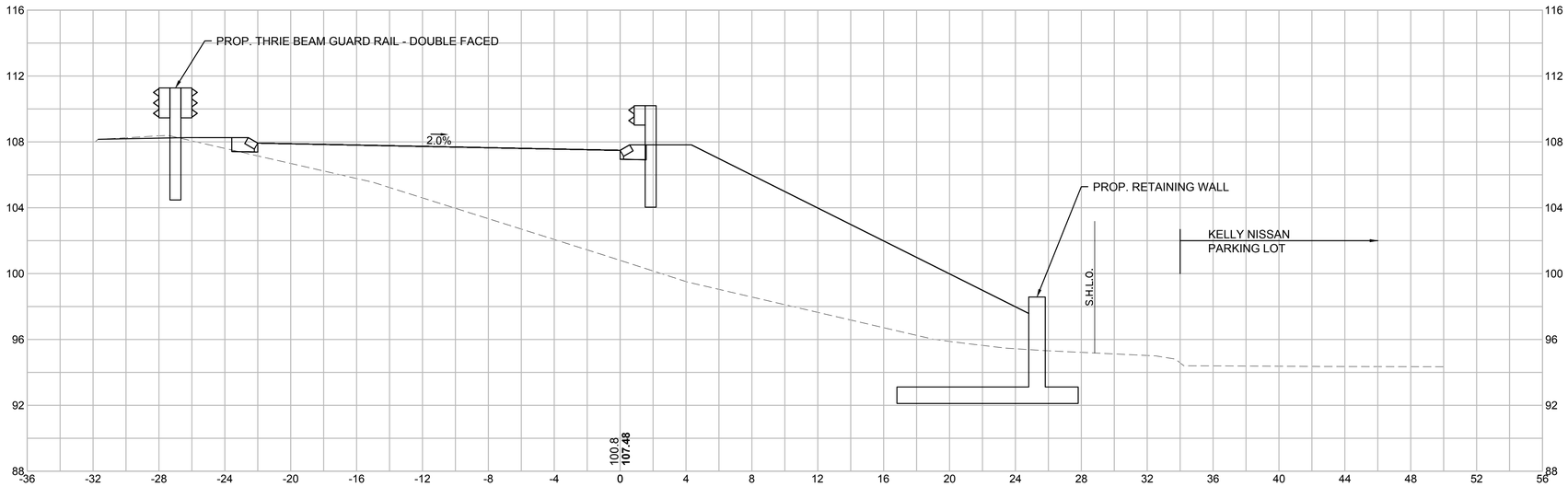
2019/02/21 3:21 PM by: Carolino, Luciana

112+00



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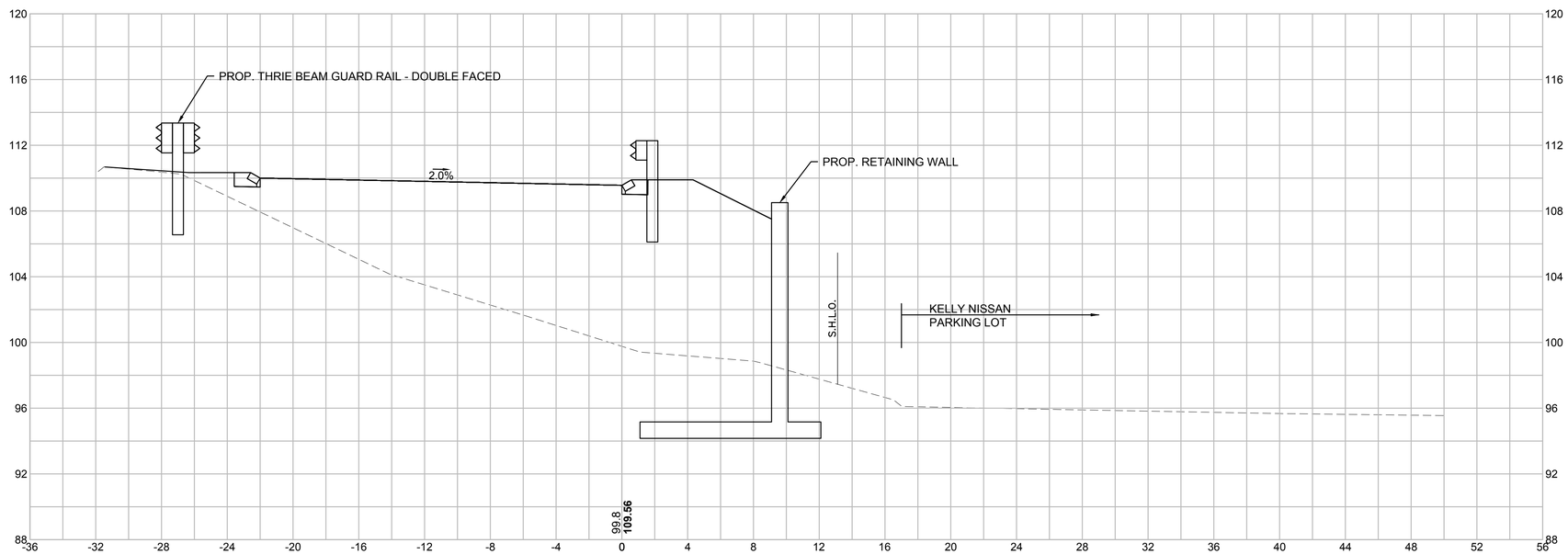

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CITY OF WOBURN

CEDAR STREET ON-RAMP
FEASIBILITY STUDY

WOBURN, MA

Title
CROSS-SECTIONS
PART 4 OF 11

Project No. 179410749
Scale
Drawing No.
Sheet
Revision

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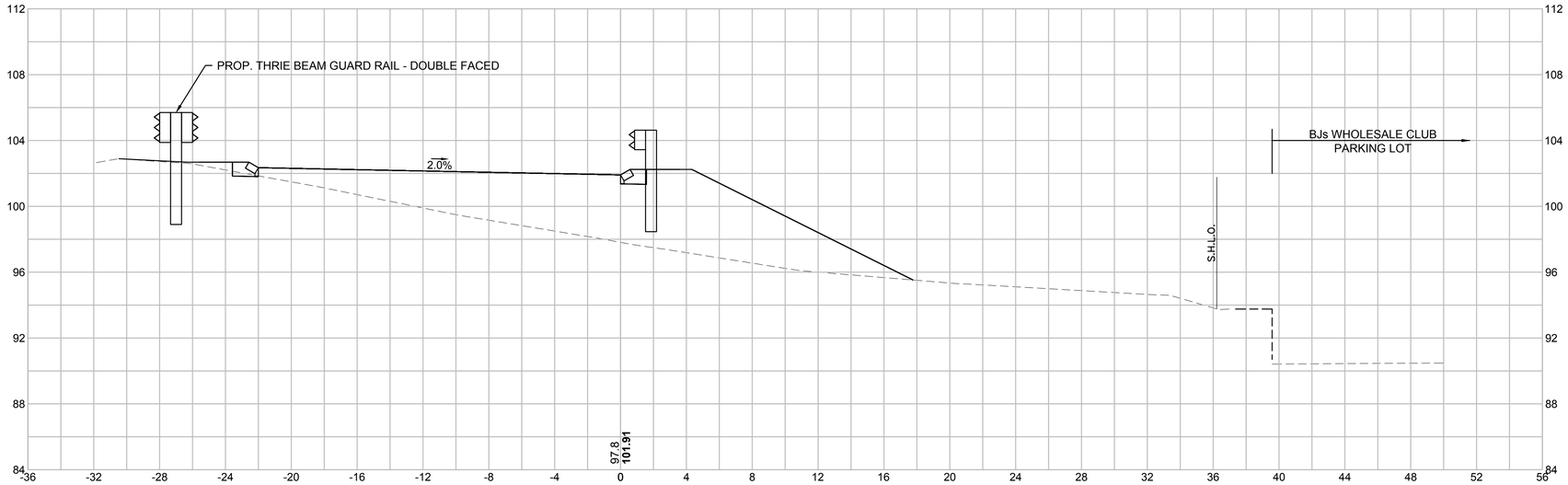
116+00



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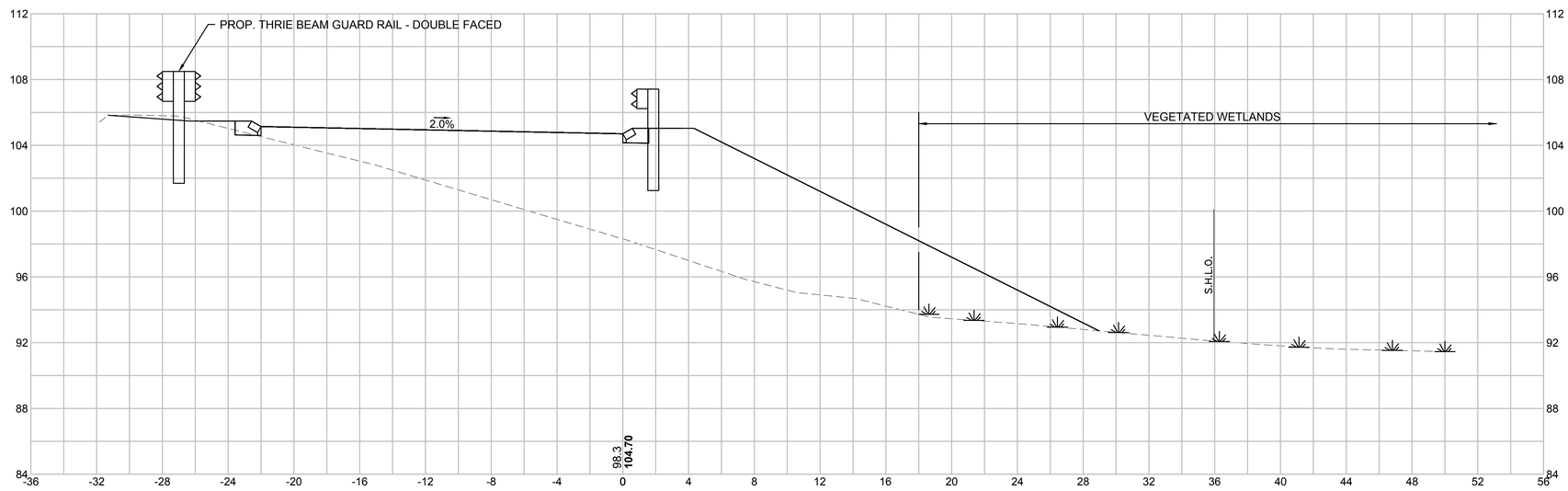

HOR. SCALE IN FEET
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Client/Project

CITY OF WOBURN

CEDAR STREET ON-RAMP
FEASIBILITY STUDY

WOBURN, MA

Title

CROSS-SECTIONS
PART 5 OF 11

Project No. 179410749

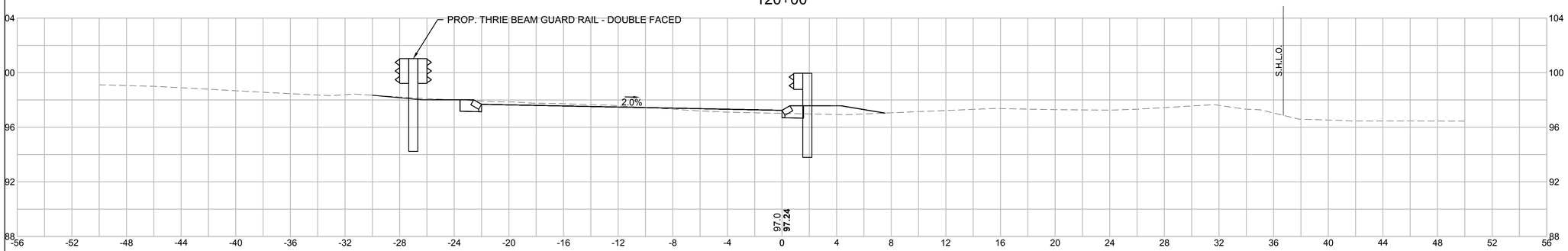
Scale

Drawing No.

Sheet

Revision

120+00



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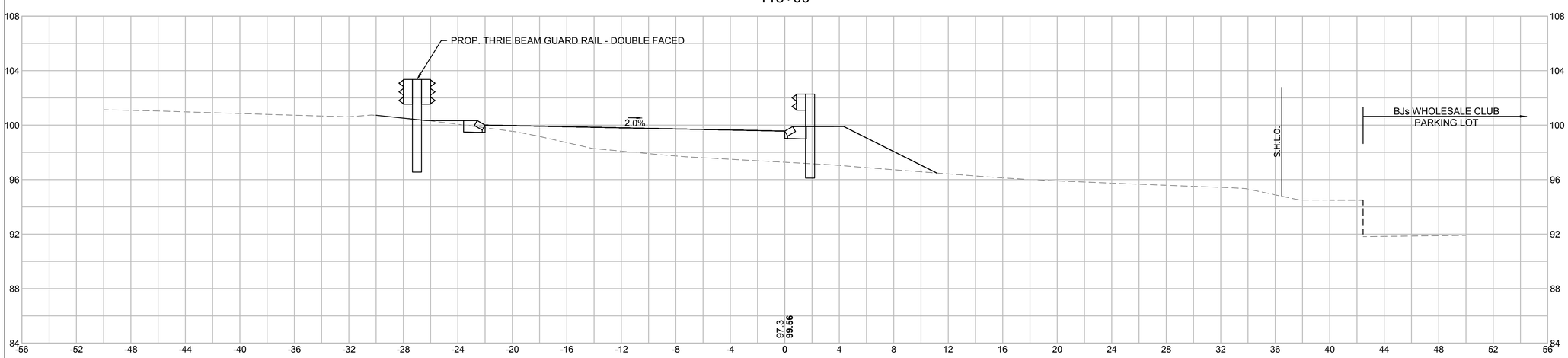

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VER. SCALE IN FEET

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Client/Project
CITY OF WOBURN

CEDAR STREET ON-RAMP
FEASIBILITY STUDY

WOBURN, MA

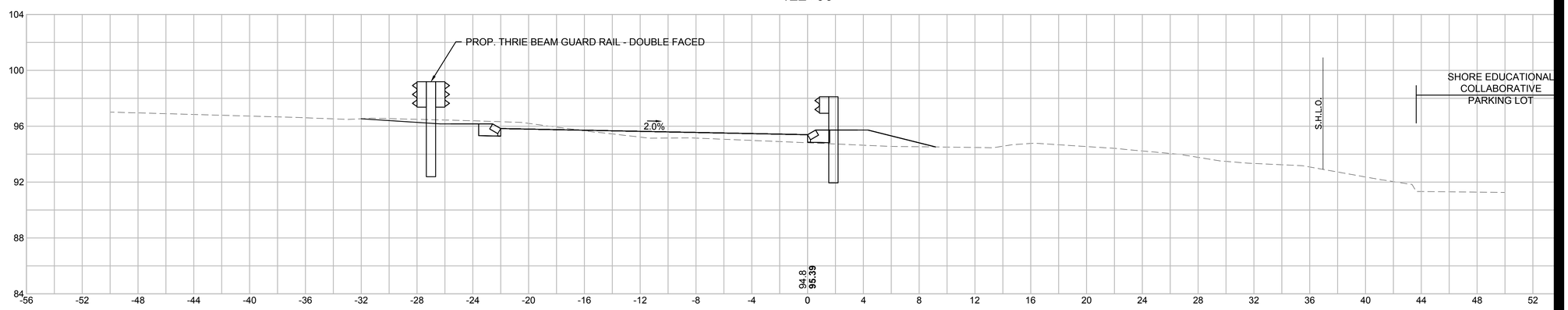
Title
CROSS-SECTIONS
PART 6 OF 11

Project No. 179410749
Scale

Drawing No.
Sheet
Revision

124+00

122+00



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Client/Project
CITY OF WOBURN

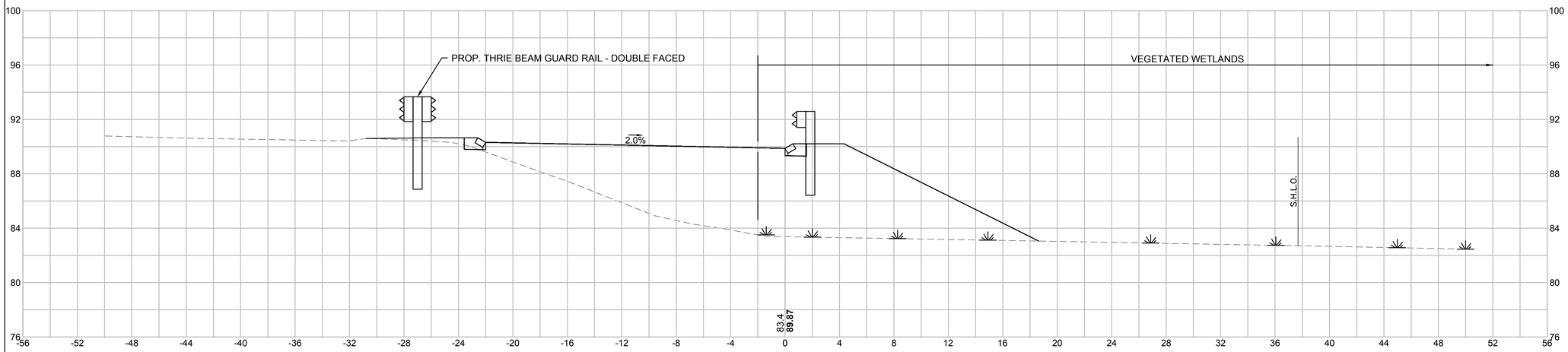
CEDAR STREET ON-RAMP
FEASIBILITY STUDY

WOBURN, MA

Title
CROSS-SECTIONS
PART 7 OF 11

Project No. 179410749
Scale
Drawing No.
Sheet
Revision

128+00



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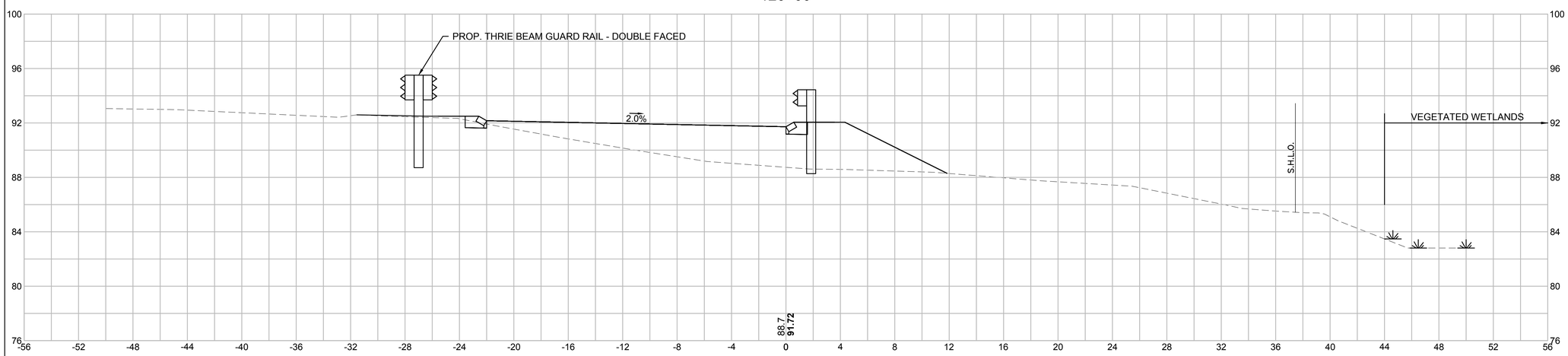

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VER. SCALE IN FEET

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2019/02/21 3:22 PM by: Carolino, Luciana

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Client/Project

CITY OF WOBURN

CEDAR STREET ON-RAMP
FEASIBILITY STUDY

WOBURN, MA

Title

CROSS-SECTIONS
PART 8 OF 11

Project No. 179410749

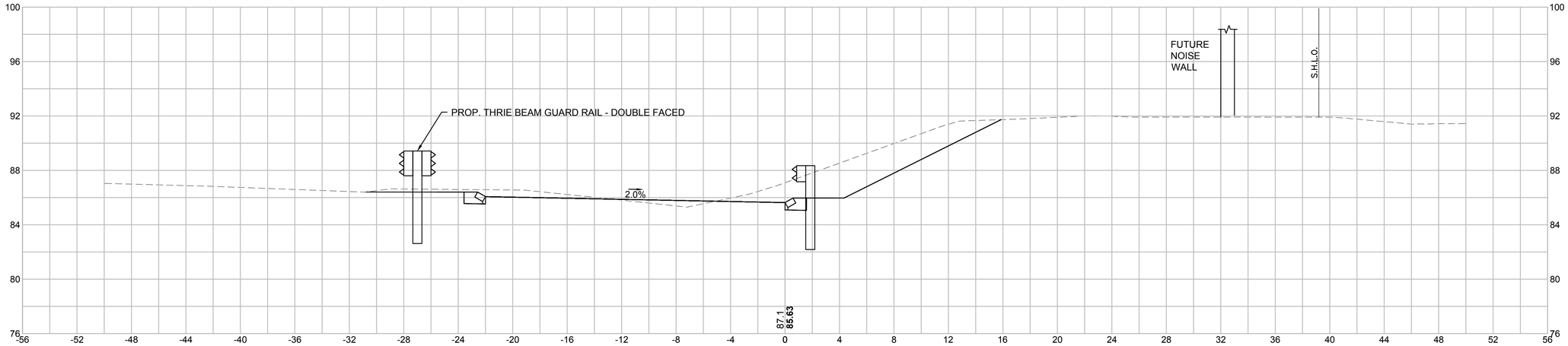
Scale

Drawing No.

Sheet

Revision

132+00



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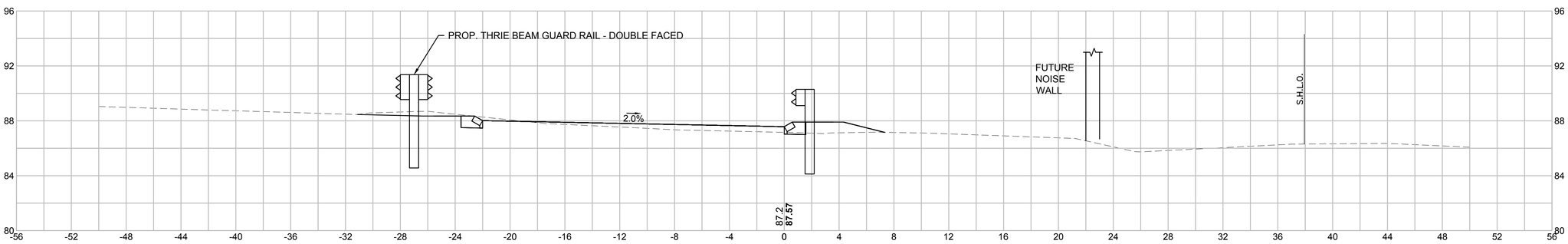

HOR. SCALE IN FEET
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4 0 4 8
VER. SCALE IN FEET

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Client/Project
CITY OF WOBURN

CEDAR STREET ON-RAMP
FEASIBILITY STUDY

WOBURN, MA

Title
CROSS-SECTIONS
PART 9 OF 11

Project No. 179410749
Scale
Drawing No.
Sheet
Revision

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2019/02/21 3:22 PM by: Cardino, Luciana

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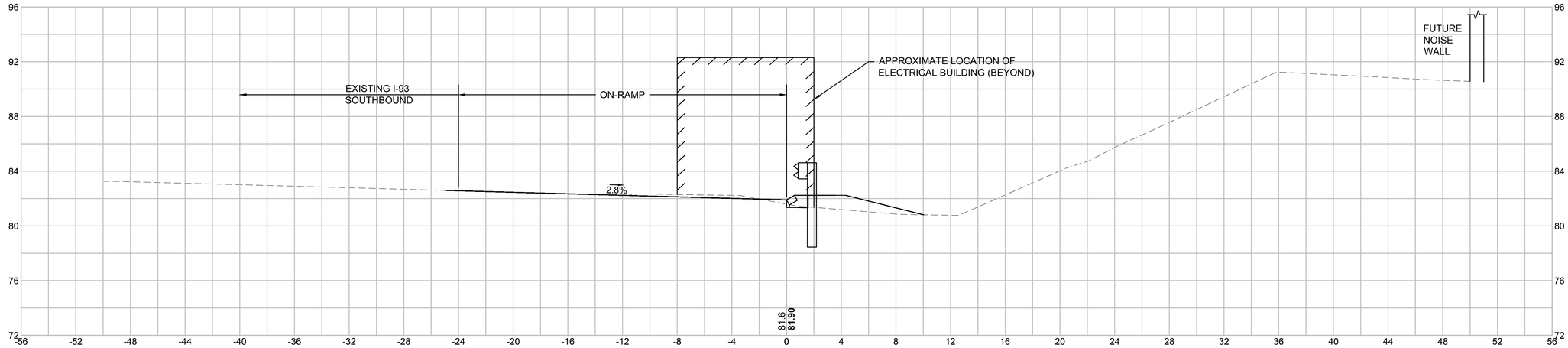

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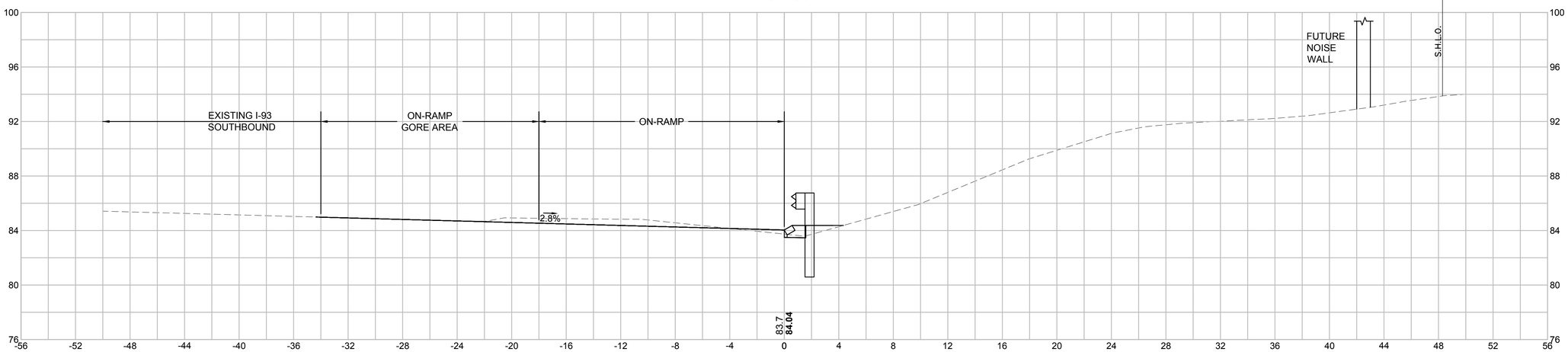

HOR. SCALE IN FEET
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4 0 4 8
VER. SCALE IN FEET

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Client/Project
CITY OF WOBURN

CEDAR STREET ON-RAMP
FEASIBILITY STUDY

WOBURN, MA

Title
CROSS-SECTIONS
PART 10 OF 11

Project No. 179410749
Scale

Drawing No.
Sheet
Revision

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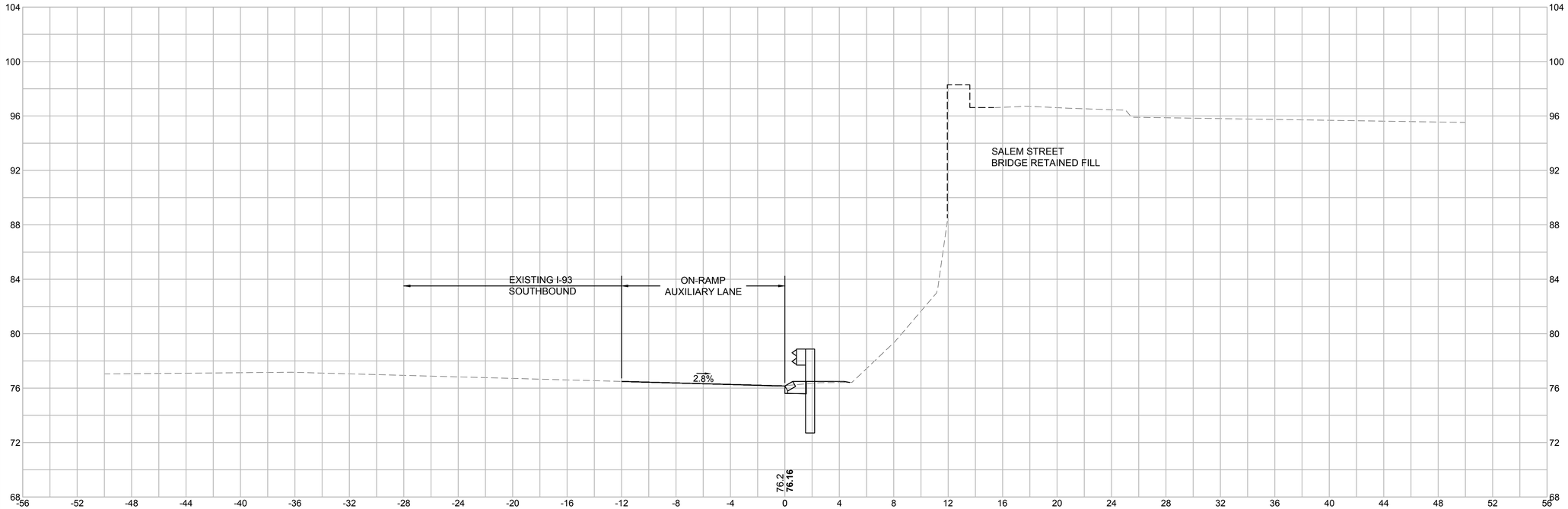
2019/02/21 3:22 PM By: Casalino, Luciano

140+00



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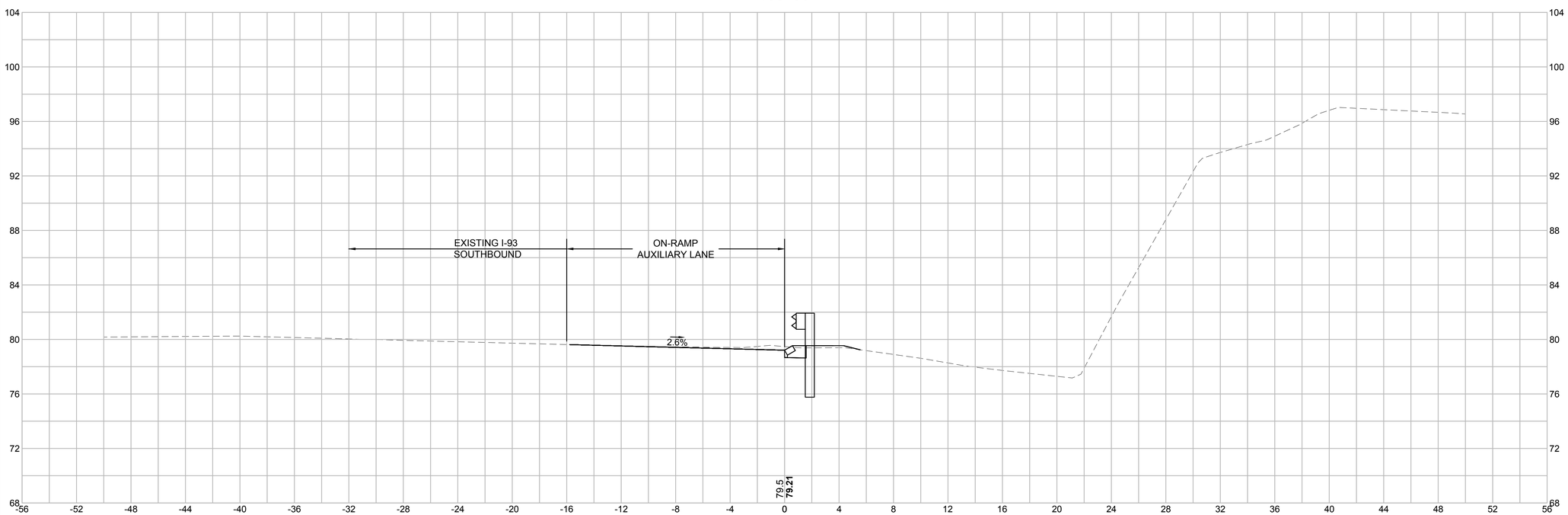

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4 0 4 8
VER. SCALE IN FEET

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Client/Project
CITY OF WOBURN

CEDAR STREET ON-RAMP
FEASIBILITY STUDY

WOBURN, MA

Title
CROSS-SECTIONS
PART 11 OF 11

Project No. 179410749
Scale
Drawing No.
Sheet
Revision

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2019/02/21 3:22 PM By: Casalino, Luciana