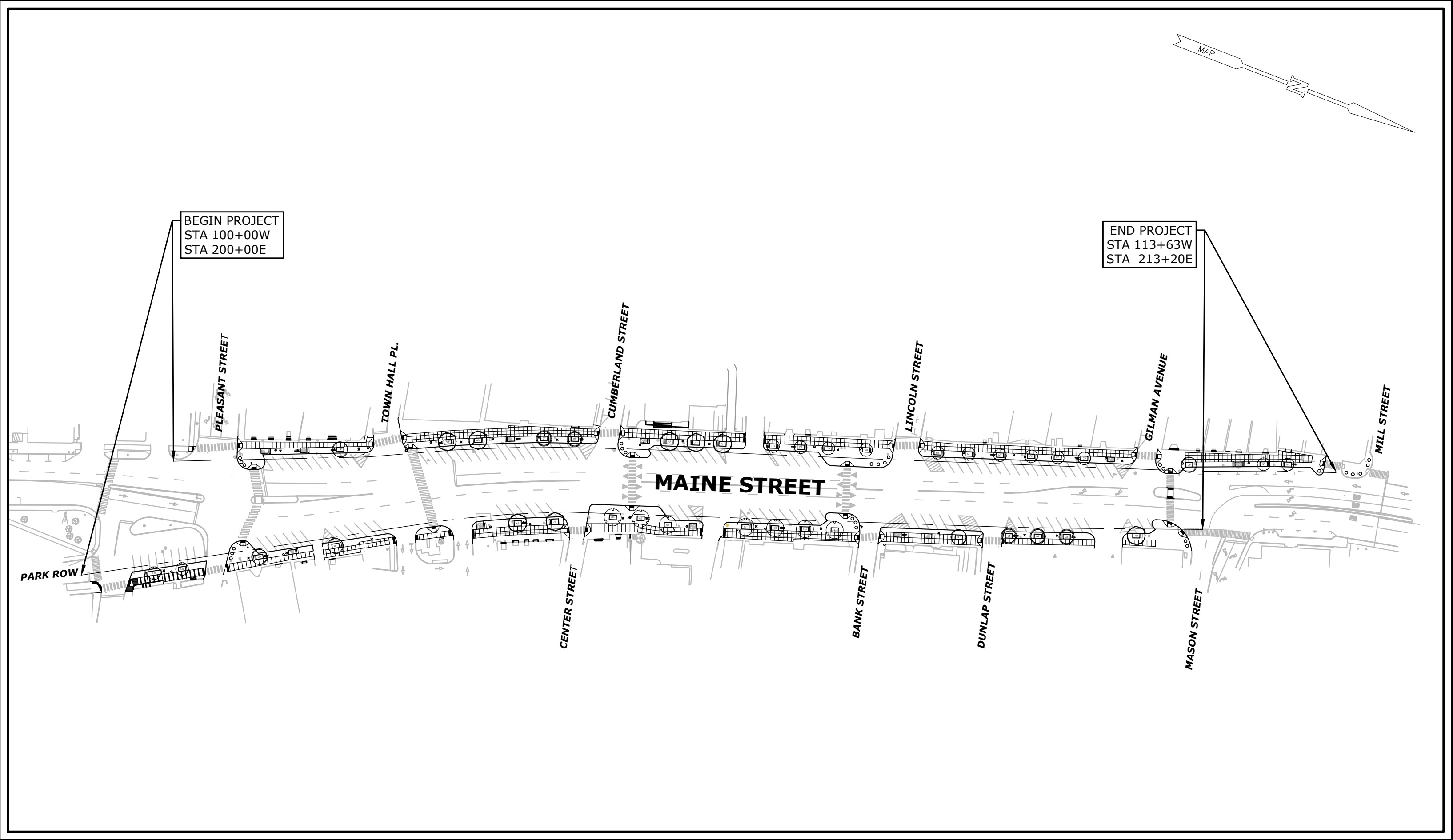


MAILED - 85, APPROVED FOR THE TOWN OF BRUNSWICK, ME
BY THE TOWN ENGINEER, 10/10/2023

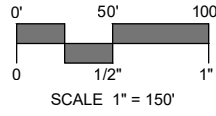
BRUNSWICK STREETScape ENHANCEMENT PROJECT

MAINE STREET
BRUNSWICK, MAINE

FINAL DESIGN DRAWINGS
AUGUST 30, 2023

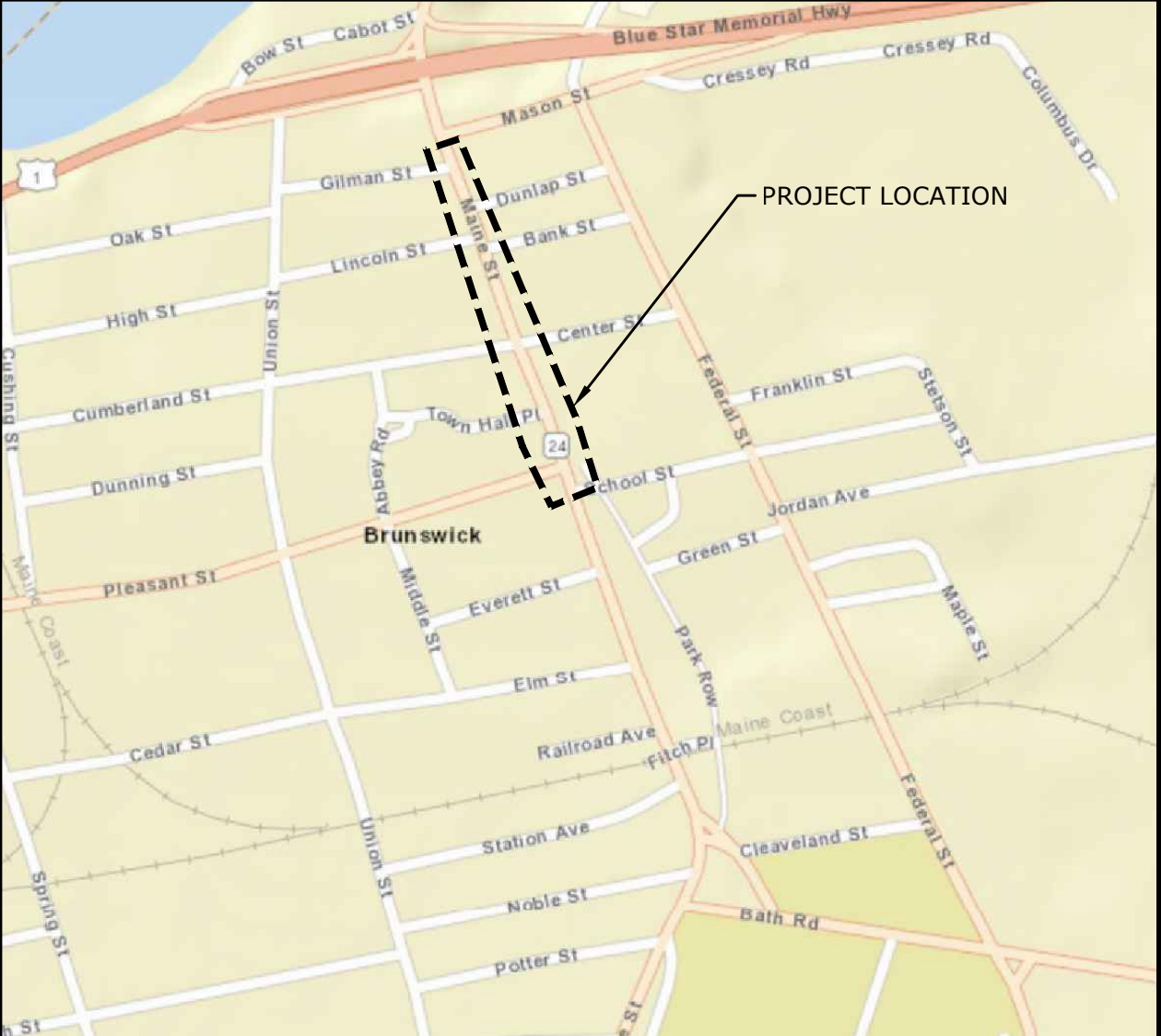


PROJECT SITE VICINITY MAP:

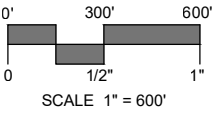


PREPARED BY:

SLR
2 MARKET STREET, 5TH FLOOR
PORTLAND, ME 04101
207.541.9544
SLRCONSULTING.COM



LOCATION MAP:



PREPARED FOR:

TOWN OF BRUNSWICK
85 UNION STREET
BRUNSWICK, ME 04011

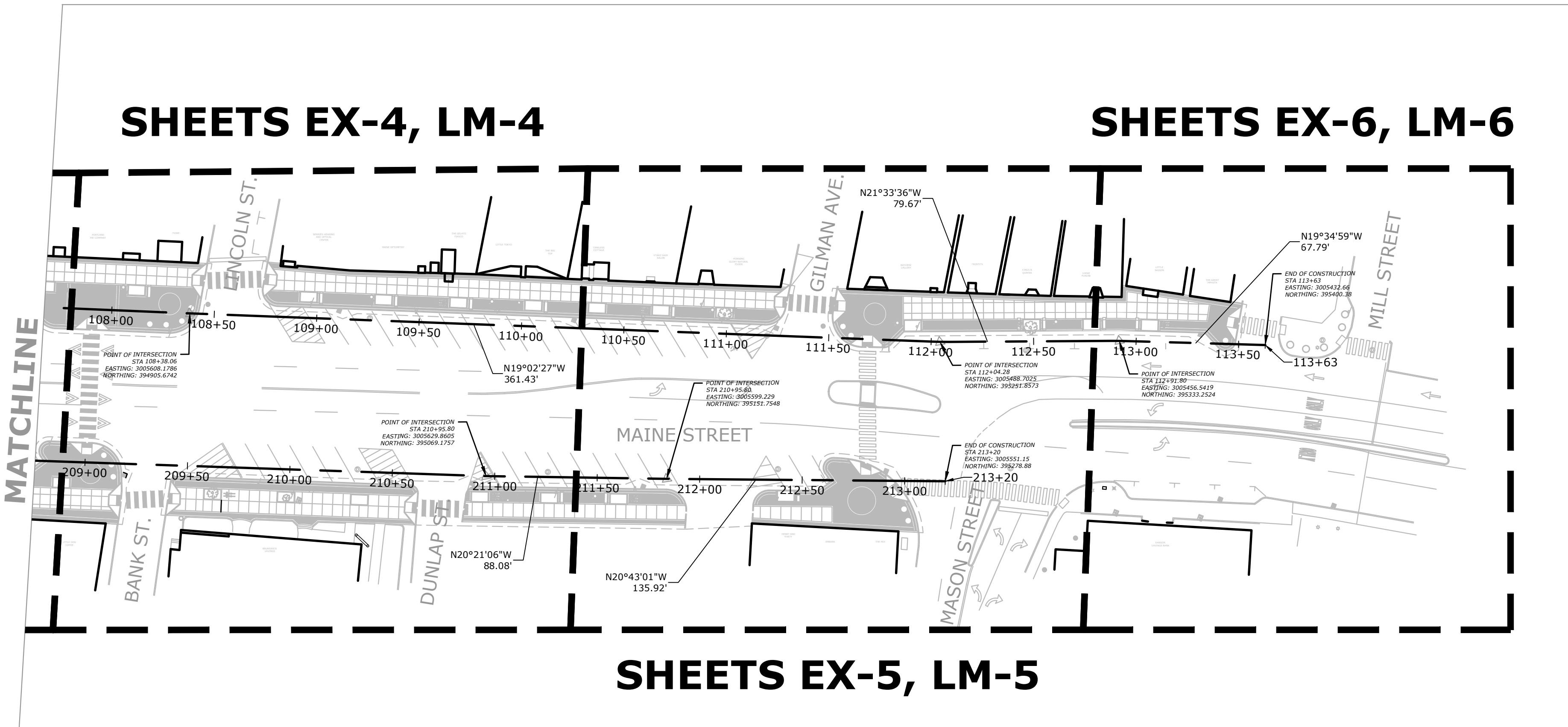
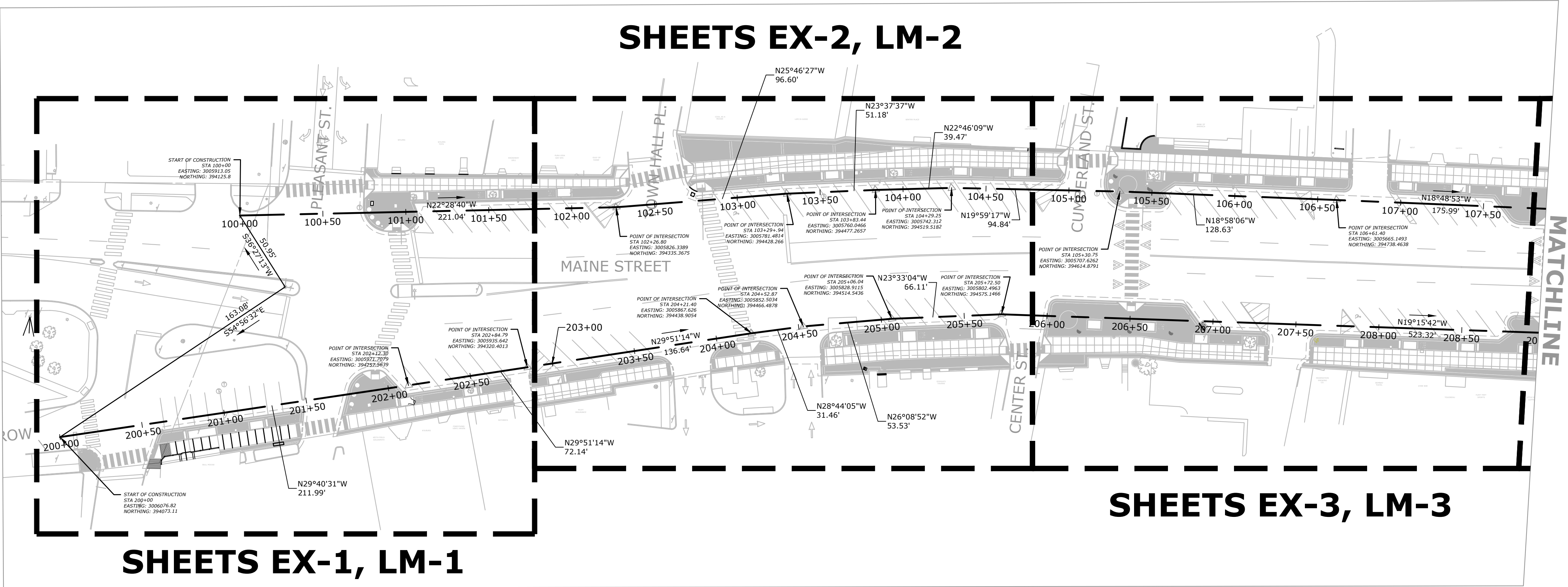
LIST OF DRAWINGS

NO.	NAME	TITLE
01	-	TITLE SHEET
02	IN	INDEX PLAN AND BASELINE LAYOUT
03 - 08	EX-1 - EX-6	EXISTING CONDITIONS AND REMOVALS PLAN
09 - 14	LM-1 - LM-6	SITE PLAN - LAYOUT AND MATERIALS
15 - 17	SD-1 - SD-3	SITE DETAILS
18 - 28	XS-1 - XS-11	CROSS SECTIONS
29 - 32	CL-01 - CL-04	CURB LAYOUT PLAN



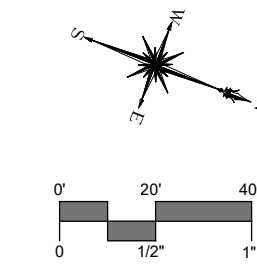
Know what's below.
Call before you dig.
www.digsafe.com

MAINE STATE OF PLANNING
PLANNING BOARD
2023 JUL 11 PM 4:00
2023 JUL 11 PM 4:00
2023 JUL 11 PM 4:00



GENERAL NOTES

- TOPOGRAPHIC INFORMATION IS BASED UPON FIELD SURVEY PERFORMED BY SITELINES IN JULY 2019. ELEVATIONS REFER TO NORTH AMERICAN VERTICAL DATUM (NAVD 1988). BEARINGS ARE GRID NORTH AND BASED ON MAINE STATE PLANE COORDINATE SYSTEM, WEST ZONE, PER GPS OBSERVATION JULY 2019.
- SLR INTERNATIONAL ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF MAPS AND DATA WHICH HAVE BEEN SUPPLIED BY OTHERS.
- ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE RESIDENT IMMEDIATELY.
- ALL CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE TOWN OF BRUNSWICK STANDARDS AND SPECIFICATIONS, AND STATE OF MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS REVISION OF MARCH 2020 AND SUPPLEMENTAL SPECIFICATION (2/17/2023).
- THE PLANS REQUIRE A CONTRACTOR'S WORKING KNOWLEDGE OF LOCAL, MUNICIPAL, WATER AUTHORITY, AND STATE CODES FOR UTILITY SYSTEMS. ANY CONFLICTS BETWEEN MATERIALS AND LOCATIONS SHOWN, AND LOCAL REQUIREMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE RESIDENT PRIOR TO THE EXECUTION OF WORK. THE RESIDENT WILL NOT BE HELD LIABLE FOR COSTS INCURRED TO IMPLEMENT OR CORRECT WORK WHICH DOES NOT CONFORM TO LOCAL CODE.
- THE CONTRACTOR SHALL ADJUST THE HEIGHT OF BREAKWAY FLANGES OR LEVELING FLANGES FOR STRUCTURES (COBRA HEAD LIGHTS, SHOE BOX LIGHTS (ETC) TO REMAIN IN PLACE SO THAT NOMINAL HEIGHT REMAINS EQUAL TO EXISTING.
- IRON PINS OR MONUMENTS DISTURBED BY CONSTRUCTION SHALL BE RESET BY A MAINE LICENSED SURVEYOR.
- CALCIUM CHLORIDE AND WATER PLACED FOR DUST CONTROL, AND SWEEPING SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS AND THE SOIL CONSERVATION SERVICE HANDBOOK, OR AS ORDERED BY THE RESIDENT, UNTIL ALL AREAS ARE STABILIZED OR SURFACES ARE TREATED.
- INFORMATION REGARDING THE LOCATION OF EXISTING UTILITIES HAS BEEN BASED UPON AVAILABLE INFORMATION AND MAY BE INCOMPLETE, AND WHERE SHOWN SHOULD BE CONSIDERED APPROXIMATE. THE LOCATION OF ALL EXISTING UTILITIES SHOULD BE CONFIRMED PRIOR TO BEGINNING CONSTRUCTION. CALL "DIG SAFE", DIAL 811 OR GO TO WWW.DIGSAFE.COM. ALL UTILITY LOCATIONS THAT DO NOT MATCH THE VERTICAL OR HORIZONTAL CONTROL SHOWN ON THE PLANS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE RESIDENT FOR RESOLUTION.
- THE CONTRACTOR SHALL TAKE PRECAUTION TO PREVENT DAMAGE TO EXISTING WATER MAINS, GAS MAINS AND OTHER UNDERGROUND UTILITIES WHEN OPERATING HEAVY MACHINERY.
- ALL WASTE MATERIALS (INCLUDING WASTEWATER) SHALL BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAW. LITTER AND DEBRIS SHALL BE PICKED UP AT THE END OF EACH WORK DAY.



DESCRIPTION	DATE	BY

INDEX PLAN AND BASELINE LAYOUT
DOWNTOWN STREETSCAPE
ENHANCEMENT PROJECT
MAINE STREET
BRUNSWICK, MAINE

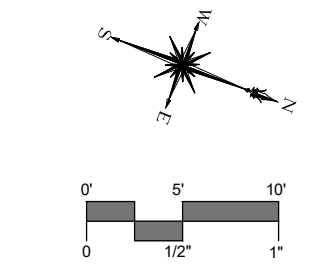
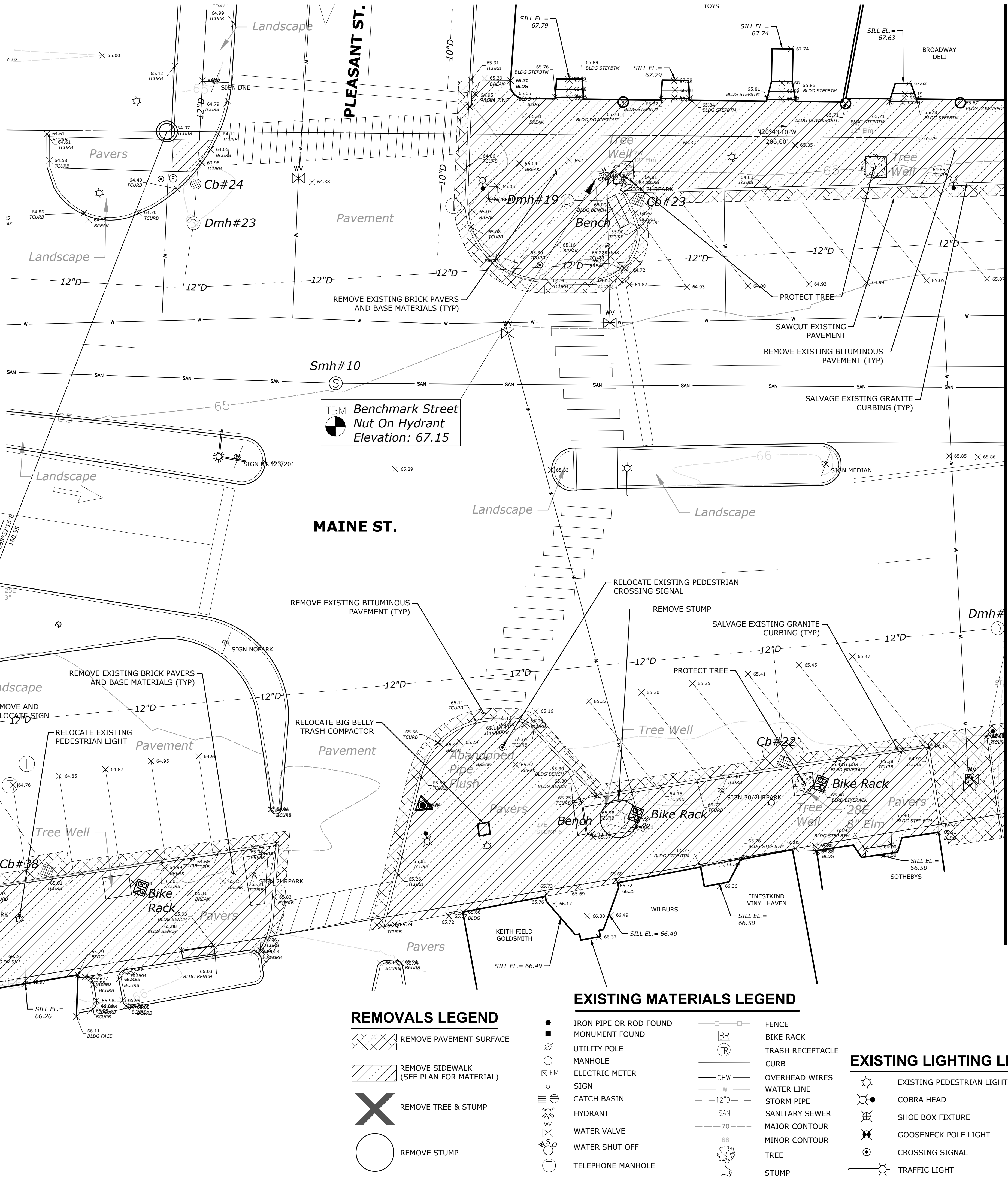
DWD DESIGNED	JJM DRAWN	DWD CHECKED
1"=40'		
AUGUST 30, 2023		
3516-11		
02 OF 32		
IN		

SHEET NAME

MAINE STREET, BRUNSWICK, ME 04011
PROJECT NO. 3516-11
DATE: AUGUST 30, 2023
DRAWN BY: J. L. LEBLANC
CHECKED BY: J. L. LEBLANC
SCALE: 1"=10'

REMOVAL NOTES

- ALL EXISTING, BENCHES, BIKE RACKS, AND TRASH RECEPTACLES SHALL BE REMOVED AND RETURNED TO THE TOWN OF BRUNSWICK, TO THE DPW YARD AT 9 INDUSTRY WAY. SHOULD THE TOWN DEEM THE ITEMS UNSATISFACTORY OR DOES NOT WANT THEM, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THEM AS PART OF THE CONTRACT WORK.
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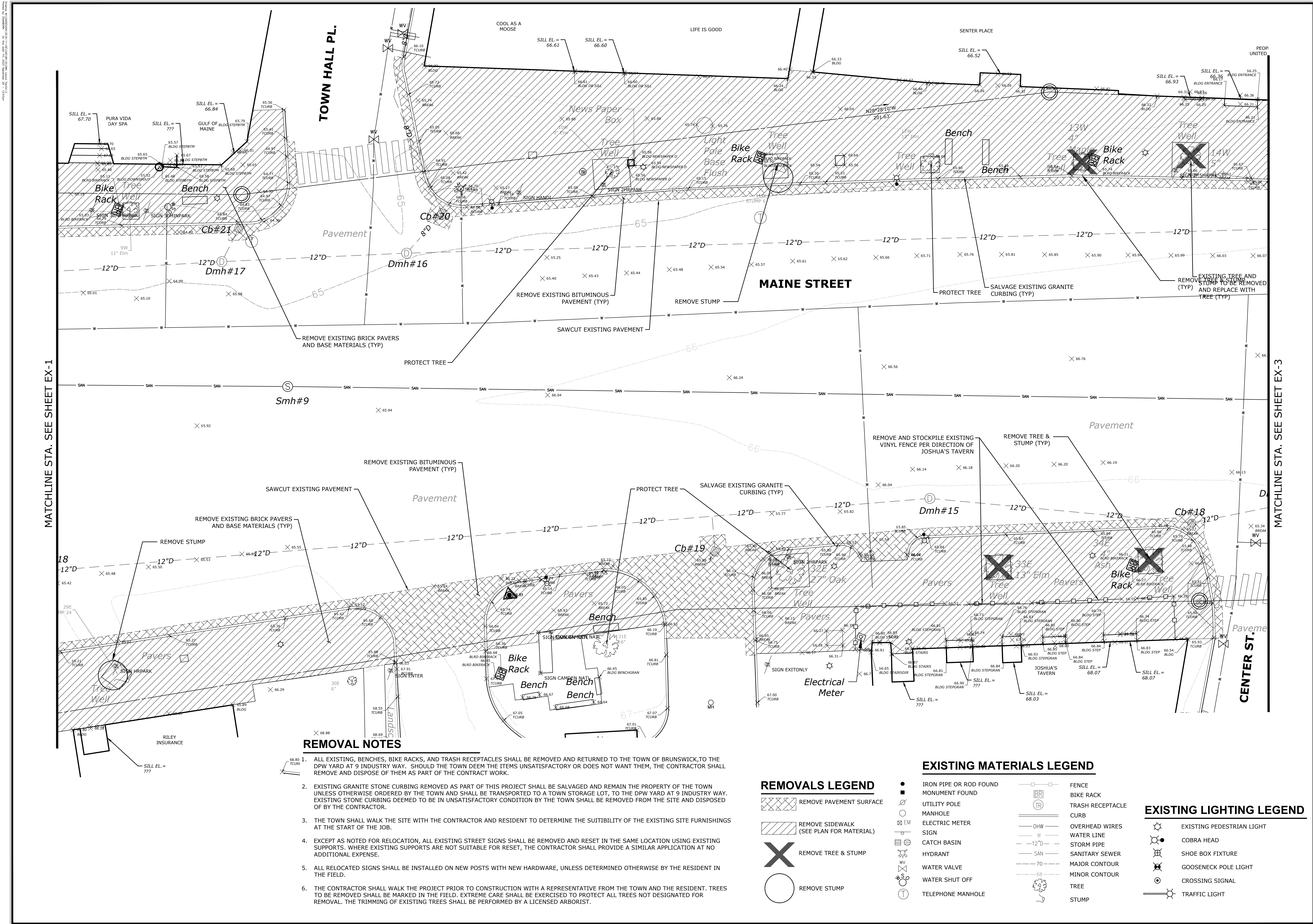


DESCRIPTION	DATE	BY

EXISTING CONDITIONS AND REMOVALS PLAN
DOWNTOWN STREETSCAPE
ENHANCEMENT PROJECT
MAINE STREET
BRUNSWICK, MAINE

DWD	GB	DWD
DESIGNED	DRAWN	CHECKED
1"=10'		
AUGUST 30, 2023		
DATE		
PROJECT NO. 3516-11		
03 OF 32		
EX-1		
SHEET NAME		

MAINE STATE ENGINEERING BOARD
REGISTERED PROFESSIONAL ENGINEER
MICHAEL F. ZARBA
No. 16348
SLR CONSULTING.COM



2 MARKET STREET, 5TH FLOOR
PORTLAND, ME 04101
SLRCONSULTING.COM

DESCRIPTION	DATE	BY

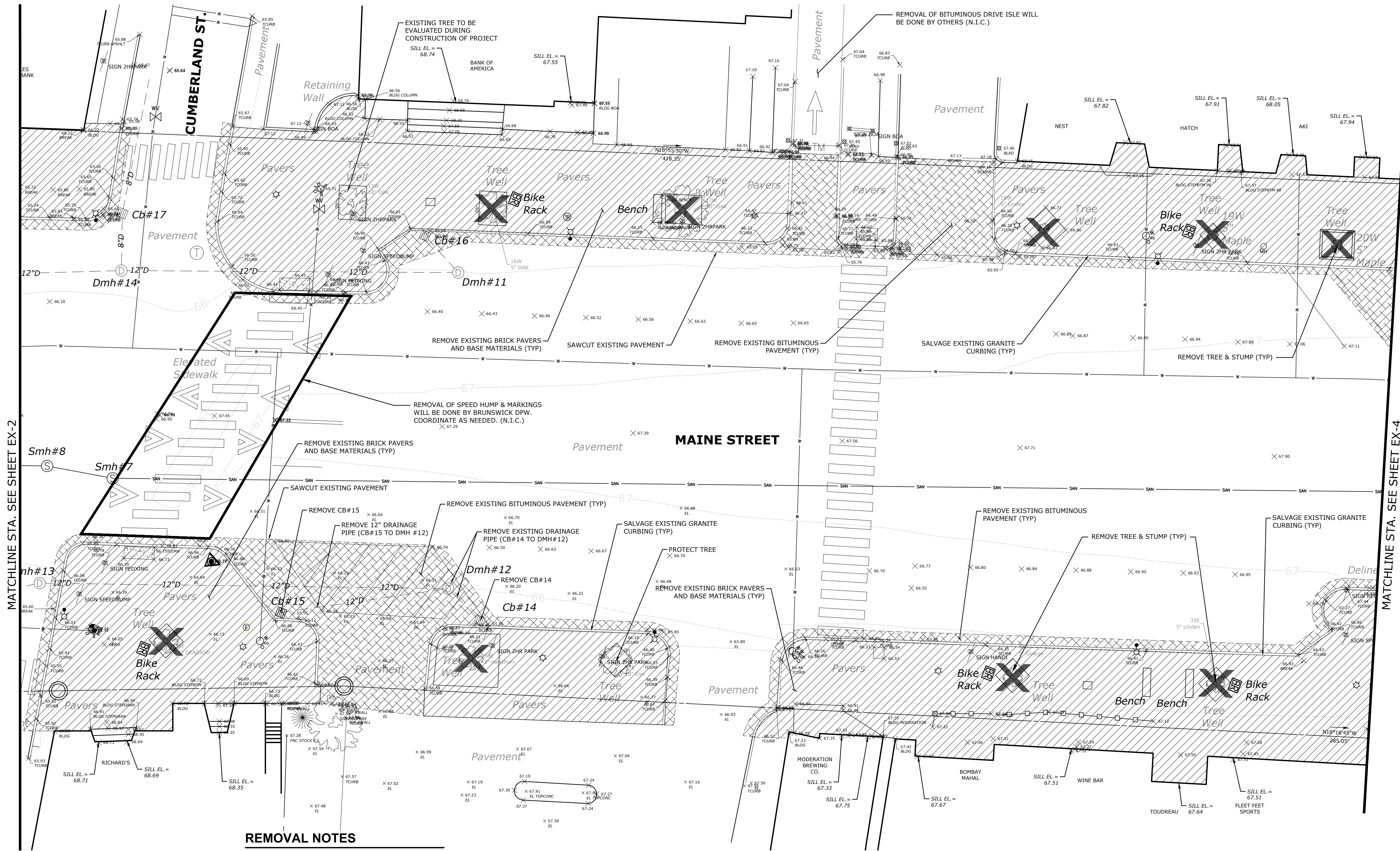
EXISTING CONDITIONS AND REMOVALS PLAN

DOWNTOWN STREETSCAPE
ENHANCEMENT PROJECT

MAINE STREET
BRUNSWICK, MAINE

DWD	GB	DWD
DESIGNED	DRAWN	CHECKED
SCALE: 1"=10'		
DATE: AUGUST 30, 2023		
PROJECT NO.: 3516-11		
SHEET NO.: 04 OF 32		
SHEET NAME: EX-2		

MAINTENANCE OF THE PROJECT SHALL BE THE RESPONSIBILITY OF THE TOWN OF BRUNSWICK, MAINE.



REMOVAL NOTES

- ALL EXISTING, BENCHES, BIKE RACKS, AND TRASH RECEPTACLES SHALL BE REMOVED AND RETURNED TO THE TOWN OF BRUNSWICK, TO THE DPW YARD AT 9 INDUSTRY WAY. SHOULD THE TOWN DEEM THE ITEMS UNSATISFACTORY OR DOES NOT WANT THEM, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THEM AS PART OF THE CONTRACT WORK.
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REMOVALS LEGEND

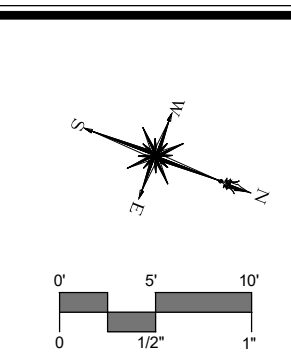
- REMOVE PAVEMENT SURFACE
- REMOVE SIDEWALK (SEE PLAN FOR MATERIAL)
- REMOVE TREE & STUMP
- REMOVE STUMP

EXISTING MATERIALS LEGEND

- IRON PIPE OR ROD FOUND
- MONUMENT FOUND
- UTILITY POLE
- MANHOLE
- ELECTRIC METER
- SIGN
- CATCH BASIN
- HYDRANT
- WATER VALVE
- WATER SHUT OFF
- TELEPHONE MANHOLE
- FENCE
- BIKE RACK
- TRASH RECEPTACLE
- CURB
- OVERHEAD WIRES
- WATER LINE
- STORM PIPE
- SANITARY SEWER
- MAJOR CONTOUR
- MINOR CONTOUR
- TREE
- STUMP

EXISTING LIGHTING LEGEND

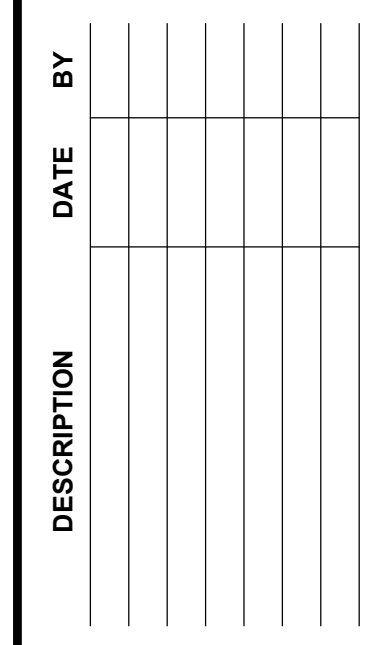
- EXISTING PEDESTRIAN LIGHT
- COBRA HEAD
- SHOE BOX FIXTURE
- GOOSENECK POLE LIGHT
- CROSSING SIGNAL
- TRAFFIC LIGHT



DESCRIPTION	DATE	BY

EXISTING CONDITIONS AND REMOVALS PLAN
DOWNTOWN STREETSCAPE
ENHANCEMENT PROJECT
MAINE STREET
BRUNSWICK, MAINE

DWD	GB	DWD
DESIGNED	DRAWN	CHECKED
SCALE: 1"=10'		
AUGUST 30, 2023		
DATE		
PROJECT NO. 3516-11		
SHEET NO. 05 OF 32		
EX-3		
SHEET NAME		



DOWNTOWN STREETSCAPE ENHANCEMENT PROJECT

DWD DESIGNED	GB DRAWN	DWD CHECKED
1"=10' SCALE		
AUGUST 30, 2023 DATE		
3516-11 PROJECT NO.		
06 OF 32		

SHEET NAME



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 REMOVE PAVEMENT SURFACE

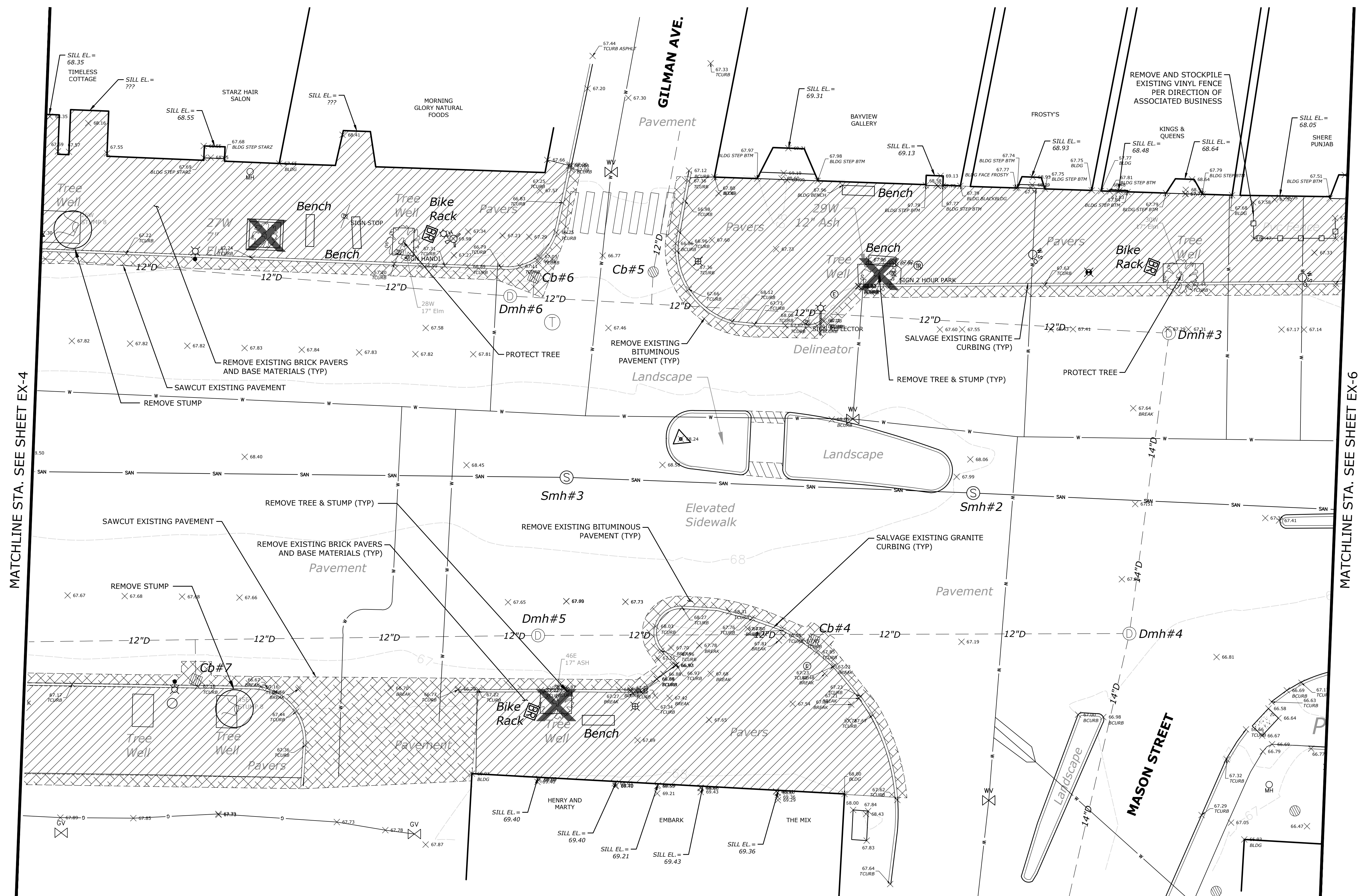
 REMOVE SIDEWALK
(SEE PLAN FOR MATERIAL)

 REMOVE TREE & STUMP

 REMOVE STUMP

- IRON PIPE OR ROD FOUND
MONUMENT FOUND
UTILITY POLE
MANHOLE
ELECTRIC METER
SIGN
CATCH BASIN
HYDRANT
WATER VALVE
WATER SHUT OFF
TELEPHONE MANHOLE

	EXISTING PEDESTRIAN LIGHT
	COBRA HEAD
	SHOE BOX FIXTURE
	GOOSENECK POLE LIGHT
	CROSSING SIGNAL
	TRAFFIC LIGHT



REMOVAL NOTES

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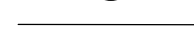
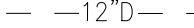
 REMOVE PAVEMENT SURFACE

 REMOVE SIDEWALK
(SEE PLAN FOR MATERIAL)

 REMOVE TREE & STUMP

 REMOVE STUMP

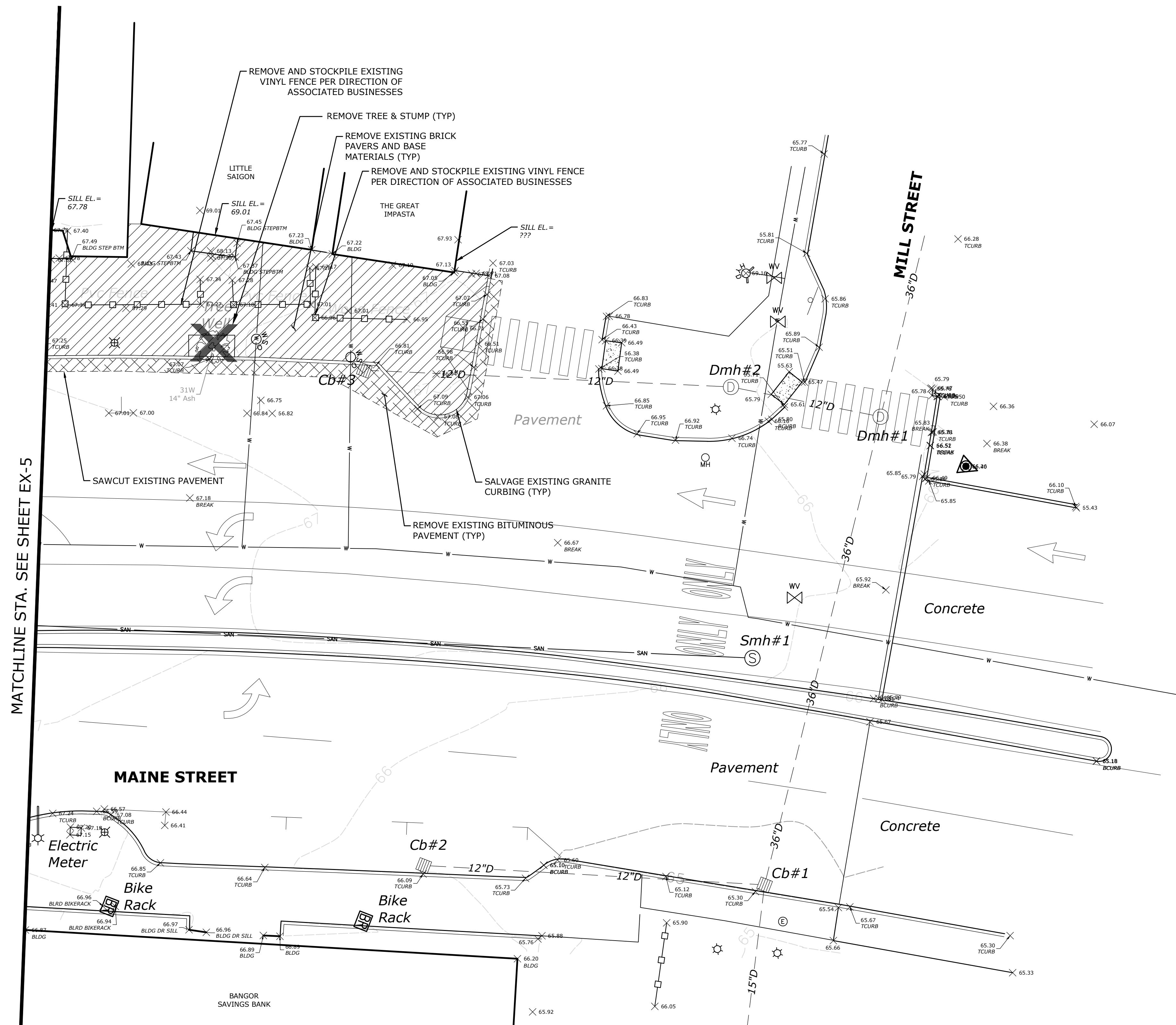
EXISTING MATERIALS LEGEND

IRON PIPE OR ROD FOUND		FENCE
MONUMENT FOUND		BIKE RACK
UTILITY POLE		TRASH RECEPTACLE
MANHOLE		CURB
ELECTRIC METER		OVERHEAD WIRES
SIGN		WATER LINE
CATCH BASIN		STORM PIPE
HYDRANT		SANITARY SEWER
WATER VALVE		MAJOR CONTOUR
WATER SHUT OFF		MINOR CONTOUR
TELEPHONE MANHOLE		TREE
		STUMP

EXISTING LIGHTING LEGEND

	EXISTING PEDESTRIAN LIGHT
	COBRA HEAD
	SHOE BOX FIXTURE
	GOOSENECK POLE LIGHT
	CROSSING SIGNAL
	TRAFFIC LIGHT

On this date: Fri, 2023 September 29 - 12:57pm



REMOVAL NOTES

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REMOVALS LEGEND

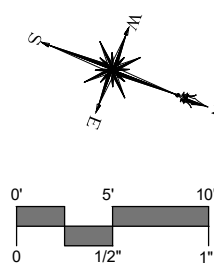
-  REMOVE PAVEMENT SURFACE
-  REMOVE SIDEWALK
(SEE PLAN FOR MATERIAL)
-  REMOVE TREE & STUMP
-  REMOVE STUMP

EXISTING MATERIALS LEGEND

- | | | | |
|------|------------------------|--|------------------|
| ● | IRON PIPE OR ROD FOUND | | FENCE |
| ■ | MONUMENT FOUND | | BIKE RACK |
| | UTILITY POLE | | TRASH RECEPTACLE |
| ⊗ | MANHOLE | | CURB |
| ⊗ EM | ELECTRIC METER | | OVERHEAD WIRES |
| | SIGN | | WATER LINE |
| | CATCH BASIN | | STORM PIPE |
| | HYDRANT | | SANITARY SEWER |
| | WATER VALVE | | MAJOR CONTOUR |
| | WATER SHUT OFF | | MINOR CONTOUR |
| | TELEPHONE MANHOLE | | TREE |
| | | | STUMP |

EXISTING LIGHTING LEGEND

- | | |
|---|---------------------------|
|  | EXISTING PEDESTRIAN LIGHT |
|  | COBRA HEAD |
|  | SHOE BOX FIXTURE |
|  | GOOSENECK POLE LIGHT |
|  | CROSSING SIGNAL |
|  | TRAFFIC LIGHT |

[illegible]

EXISTING CONDITIONS AND REMOVALS PLAN

DOWNTOWN STREETSCAPE ENHANCEMENT PROJECT

MAINE STREET
BRUNSWICK, MAINE

DWD	GB	DWI
DESIGNED	DRAWN	CHECKED

1"=10'

AUGUST 30, 2023

PROJECT NO. **3516-11**

08 OF 32

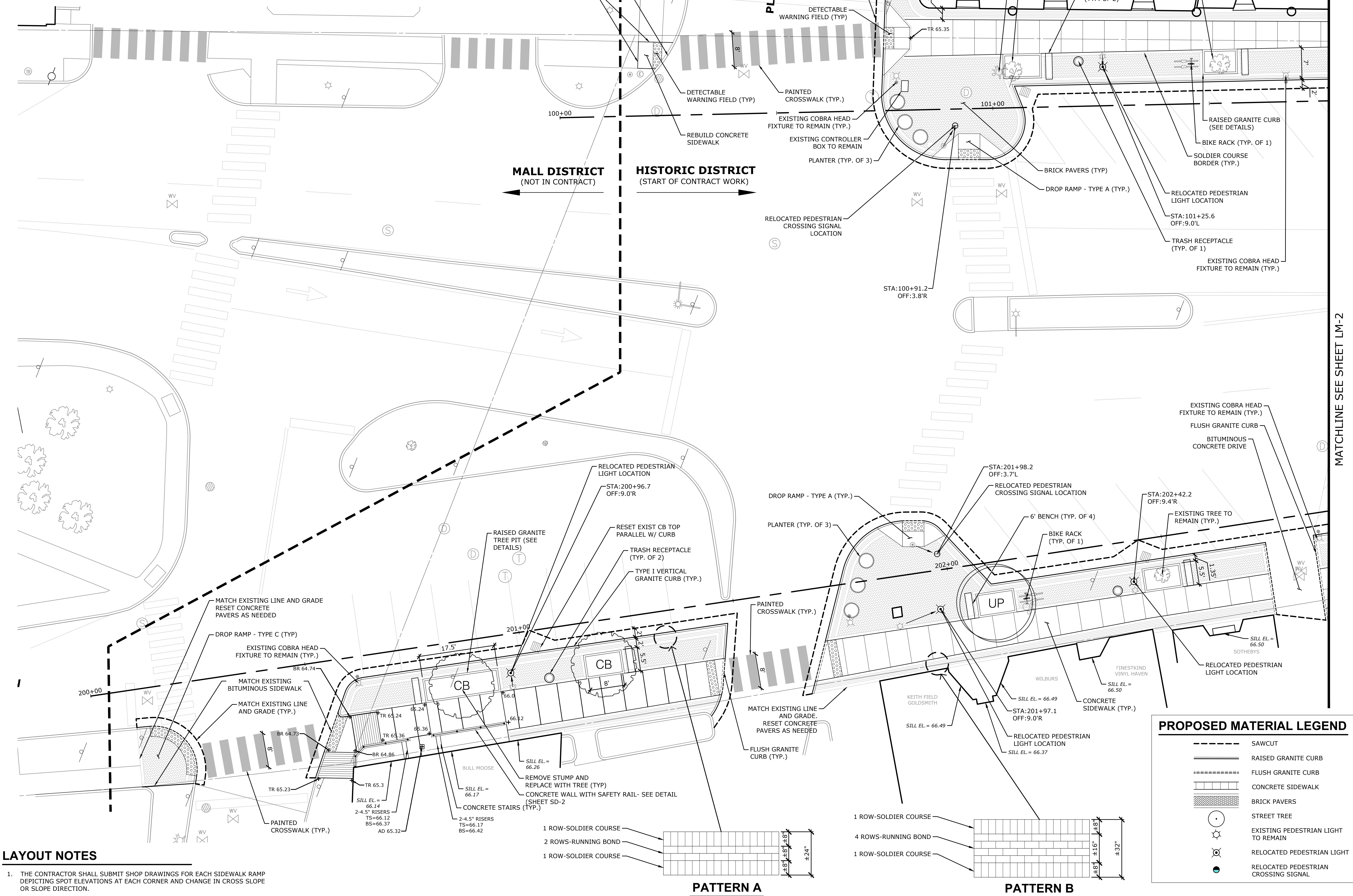
EX-6

SHEET NAME

WHEEL - 10" MINIMUM SIZE, 1/4" LINE WT. - 10" MINIMUM SIZE
WHEEL - 10" MINIMUM SIZE, 1/4" LINE WT. - 10" MINIMUM SIZE

PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONT.	COMMENTS
AR	8	Acer rubrum	Red Maple	3"-3.5" Cal.	B&B	6' MIN. BRANCHING HT.
CB	9	Carpinus betulus 'Fastigiata'	Pyramidal European Hornbeam	3"-3.5" Cal.	B&B	6' MIN. BRANCHING HT.
GB	7	Ginkgo biloba	Maidenhair Tree	3"-3.5" Cal.	B&B	6' MIN. BRANCHING HT.
GT	5	Gleditsia triacanthos 'Skyline'	Skyline Honey Locust	3"-3.5" Cal.	B&B	6' MIN. BRANCHING HT.
NS	5	Nyssa sylvatica	Sour Gum	3"-3.5" Cal.	B&B	6' MIN. BRANCHING HT.
UP	5	Ulmus americana 'Princeton'	Princeton American Elm	3"-3.5" Cal.	B&B	6' MIN. BRANCHING HT.



LAYOUT NOTES

- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR EACH SIDEWALK RAMP DEPICTING SPOT ELEVATIONS AT EACH CORNER AND CHANGE IN CROSS SLOPE OR SLOPE DIRECTION.

2 MARKET STREET, 5TH FLOOR
PORTLAND, ME 04101
SLRCONSULTING.COM

DESCRIPTION	DATE	BY

SITE PLAN- LAYOUT AND MATERIALS

**DOWNTOWN STREETSCAPE
ENHANCEMENT PROJECT**

**MAINE STREET
BRUNSWICK, MAINE**

DWD	GB	DWD
DESIGNED	DRAWN	CHECKED

SCALE: 1"=10'

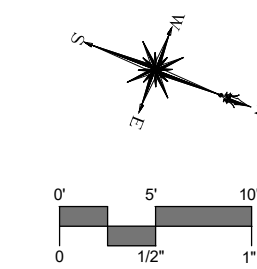
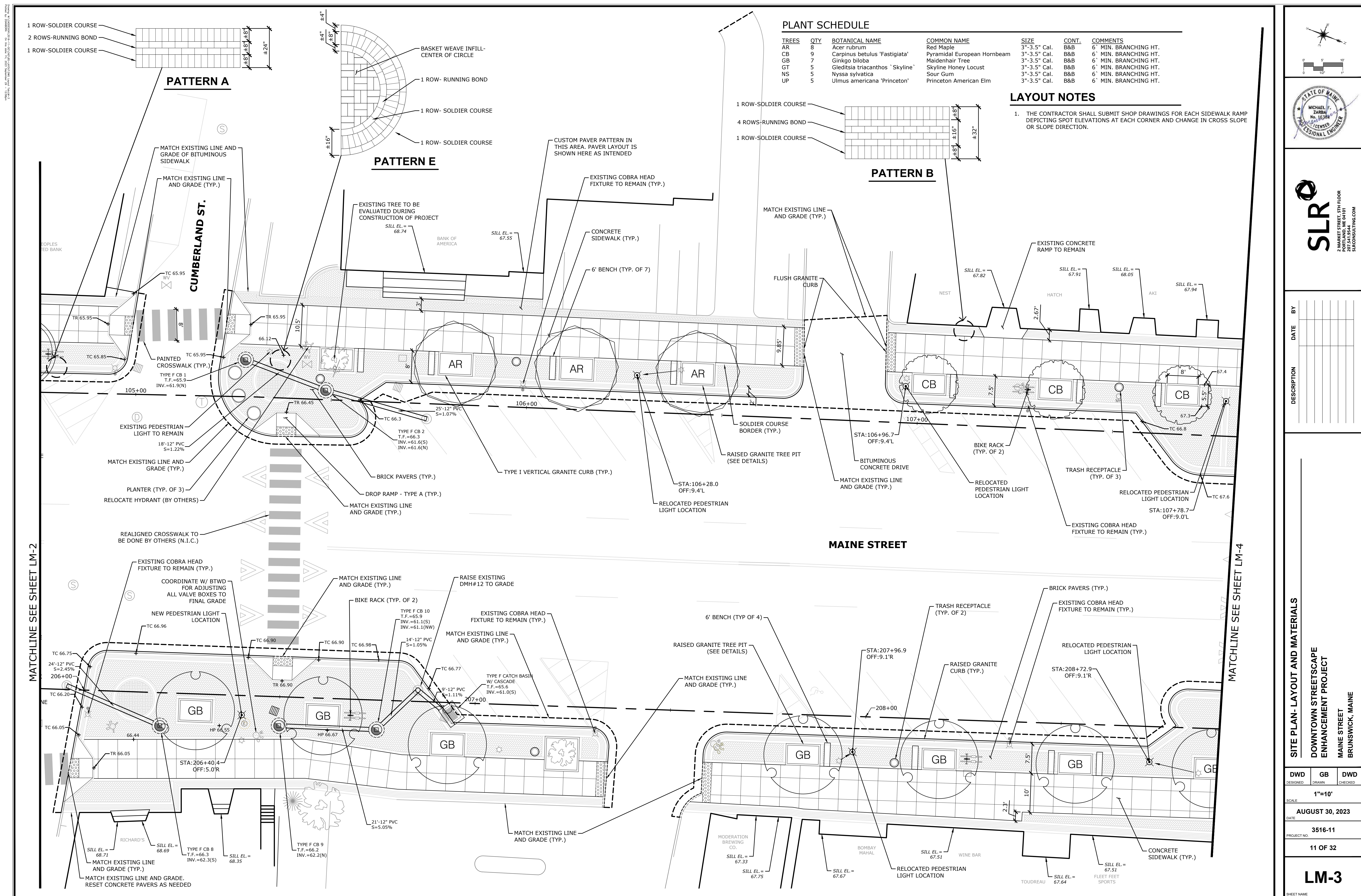
DATE: **AUGUST 30, 2023**

PROJECT NO.: **3516-11**

09 OF 32

LM-1

SHEET NAME

[illegible]

SITE PLAN- LAYOUT AND MATERIALS

**DOWNTOWN STREETSCAPE
ENHANCEMENT PROJECT**

MAINE STREET

DWD	GB	D
SIGNED	DRAWN	CH

1"=10'

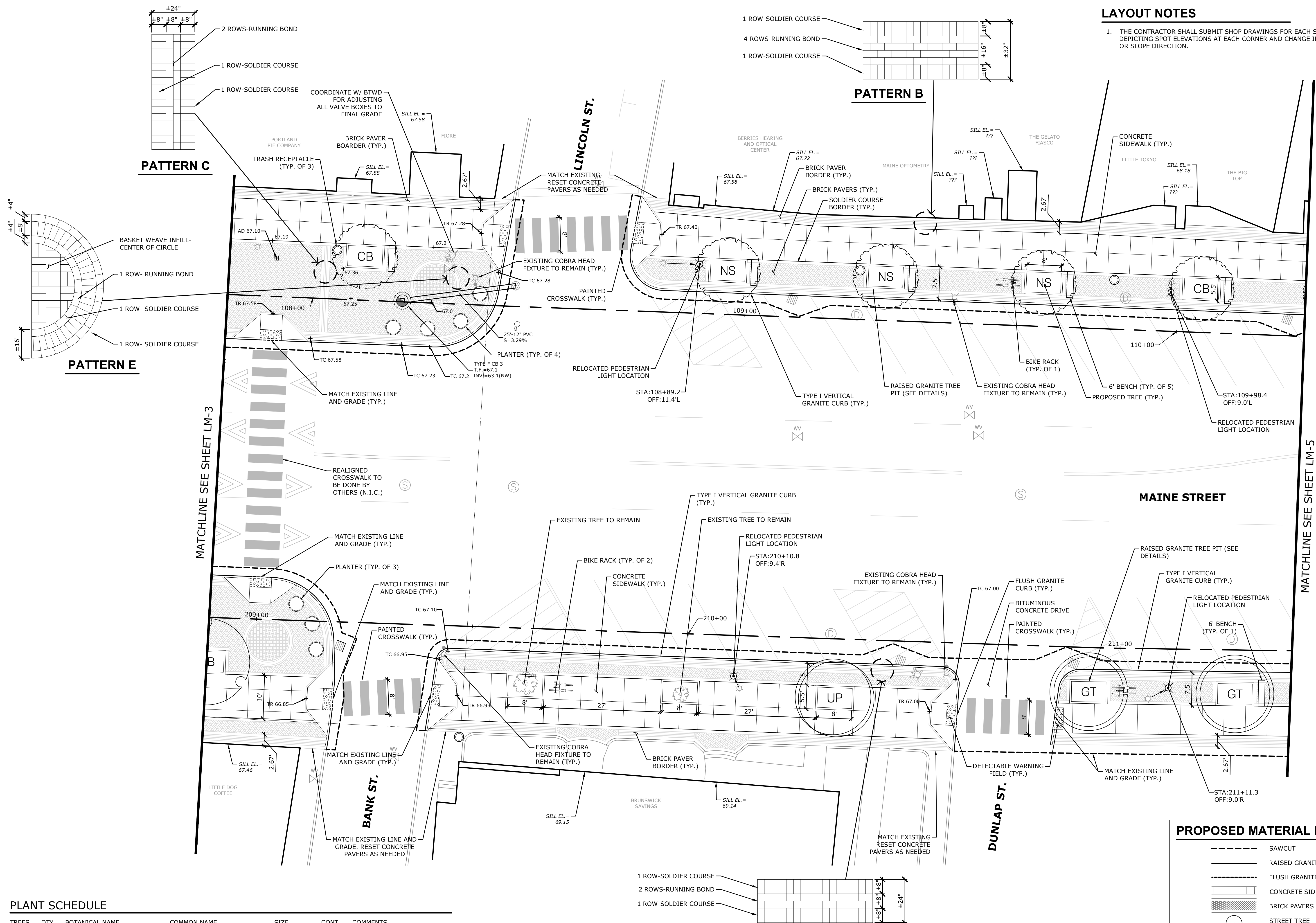
AUGUST 30, 2013

3516-11

11 OF 32

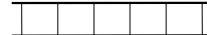
LM-3

HEET NAME



PLANT SCHEDULE						
TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONT.	COMMENTS
AR	8	Acer rubrum	Red Maple	3"-3.5" Cal.	B&B	6" MIN. BRANCHING HT.
CB	9	Carpinus betulus 'Fastigiata'	Pyramidal European Hornbeam	3"-3.5" Cal.	B&B	6" MIN. BRANCHING HT.
GB	7	Ginkgo biloba	Maidenhair Tree	3"-3.5" Cal.	B&B	6" MIN. BRANCHING HT.
GT	1	Gleditsia triacanthos 'Skyline'	Skyline Honey Locust	3"-3.5" Cal.	B&B	6" MIN. BRANCHING HT.
NS	5	Nyssa sylvatica	Sour Gum	3"-3.5" Cal.	B&B	6" MIN. BRANCHING HT.
UP	5	Ulmus americana 'Princeton'	Princeton American Elm	3"-3.5" Cal.	B&B	6" MIN. BRANCHING HT.

PROPOSED MATERIAL LEGEND

	SAWCUT
	RAISED GRANITE CURB
	FLUSH GRANITE CURB
	CONCRETE SIDEWALK
	BRICK PAVERS
	STREET TREE
	EXISTING PEDESTRIAN LIGHT TO REMAIN
	RELOCATED PEDESTRIAN LIGHT

UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE IN FEET AND INCHES. DIMENSIONS ARE GIVEN TO THE CENTERLINE OF THE STREET OR TO THE FACE OF THE CURB OR SIDEWALK, UNLESS OTHERWISE NOTED.

MATCHLINE SEE SHEET LM-4

MATCHLINE SEE SHEET LM-6

PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONT.	COMMENTS
AR	8	Acer rubrum	Red Maple	3"-3.5" Cal.	B&B	6' MIN. BRANCHING HT.
CB	9	Carpinus betulus 'Fastigiata'	Pyramidal European Hornbeam	3"-3.5" Cal.	B&B	6' MIN. BRANCHING HT.
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GT	5	Gleditsia triacanthos 'Skyline'	Skyline Honey Locust	3"-3.5" Cal.	B&B	6' MIN. BRANCHING HT.
NS	5	Nyssa sylvatica	Sour Gum	3"-3.5" Cal.	B&B	6' MIN. BRANCHING HT.
UP	5	Ulmus americana 'Princeton'	Princeton American Elm	3"-3.5" Cal.	B&B	6' MIN. BRANCHING HT.

PATTERN A

- 1 ROW-SOLDIER COURSE
- 2 ROWS-RUNNING BOND
- 1 ROW-SOLDIER COURSE

PATTERN B

- 1 ROW-SOLDIER COURSE
- 4 ROWS-RUNNING BOND
- 1 ROW-SOLDIER COURSE

PATTERN E

- BASKET WEAVE INFILL - CENTER OF CIRCLE
- 1 ROW- RUNNING BOND
- 1 ROW- SOLDIER COURSE
- 1 ROW- SOLDIER COURSE

LAYOUT NOTES

- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR EACH SIDEWALK RAMP DEPICTING SPOT ELEVATIONS AT EACH CORNER AND CHANGE IN CROSS SLOPE OR SLOPE DIRECTION.

PROPOSED MATERIAL LEGEND

- SAWCUT
- RAISED GRANITE CURB
- FLUSH GRANITE CURB
- CONCRETE SIDEWALK
- BRICK PAVERS
- STREET TREE
- EXISTING PEDESTRIAN LIGHT TO REMAIN
- RELOCATED PEDESTRIAN LIGHT
- EXISTING SHOEBOX FIXTURE TO BE REPLACED
- EXISTING GOOSENECK FIXTURE TO BE REPLACED

SITE PLAN- LAYOUT AND MATERIALS

DOWNTOWN STREETSCAPE ENHANCEMENT PROJECT

MAINE STREET
BRUNSWICK, MAINE

DWD	GB	DWD
DESIGNED	DRAWN	CHECKED

SCALE: 1"=10'

DATE: AUGUST 30, 2023

PROJECT NO.: 3516-11

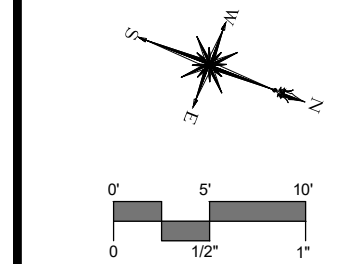
13 OF 32

LM-5

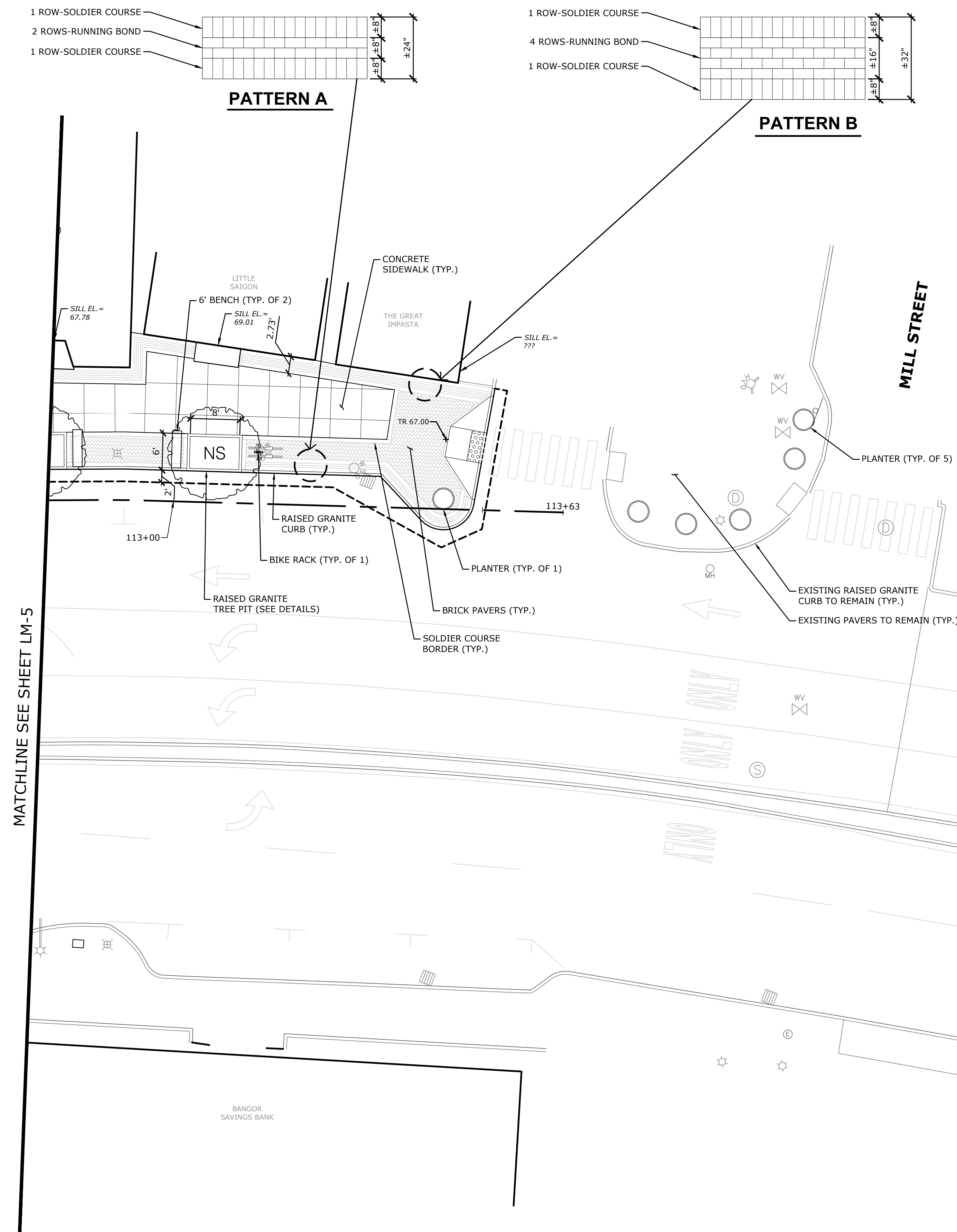
SHEET NAME

SLR
2 MARKET STREET, 5TH FLOOR
PORTLAND, ME 04101
SLRCONSULTING.COM

DESCRIPTION	DATE	BY



Downloaded by: WU-CAIRO LIBRARY, 35.14-11-DECEMBER 2015, 10:41:06
Printed by: GÖTTSCHEW On this date: Fri, 2023 September 29 - 12:56pm



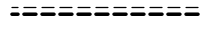
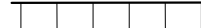
LAYOUT NOTES

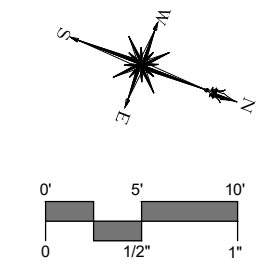
1. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR EACH SIDEWALK RAMP DEPICTING SPOT ELEVATIONS AT EACH CORNER AND CHANGE IN CROSS SLOPE OR SLOPE DIRECTION.

PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONT.	COMMENTS
AR	8	Acer rubrum	Red Maple	3"-3.5" Cal.	B&B	6' MIN. BRANCHING HT.
CB	9	Carpinus betulus 'Fastigiata'	Pyramidal European Hornbeam	3"-3.5" Cal.	B&B	6' MIN. BRANCHING HT.
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UP	5	Ulmus americana 'Princeton'	Princeton American Elm	3"-3.5" Cal.	B&B	6' MIN. BRANCHING HT.

PROPOSED MATERIAL LEGEND

	SAWCUT
	RAISED GRANITE CURB
	FLUSH GRANITE CURB
	CONCRETE SIDEWALK
	BRICK PAVERS
	STREET TREE
	EXISTING PEDESTRIAN LIGHT TO REMAIN

[illegible]

SITE PLAN- LAYOUT AND MATERIALS

DOWNTOWN STREETSCAPE ENHANCEMENT PROJECT

MAINE STREET
BRUNSWICK, MAINE

DWD DESIGNED	GB DRAWN	DWD CHECKED
------------------------	--------------------	-----------------------

1"=10'

AUGUST 30, 2023

DATE _____

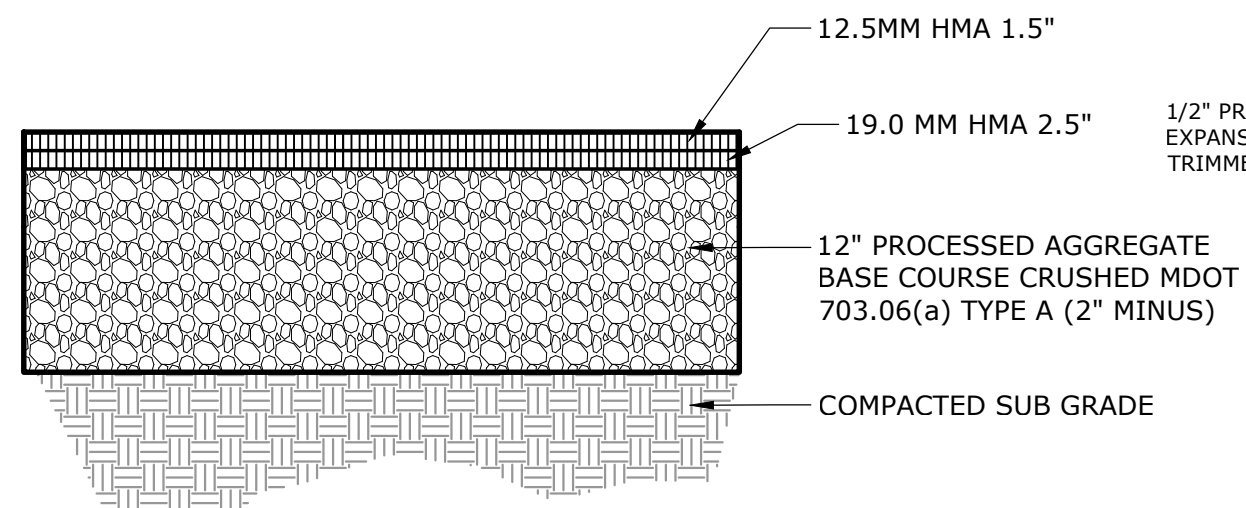
PROJECT NO.

14 OF 32

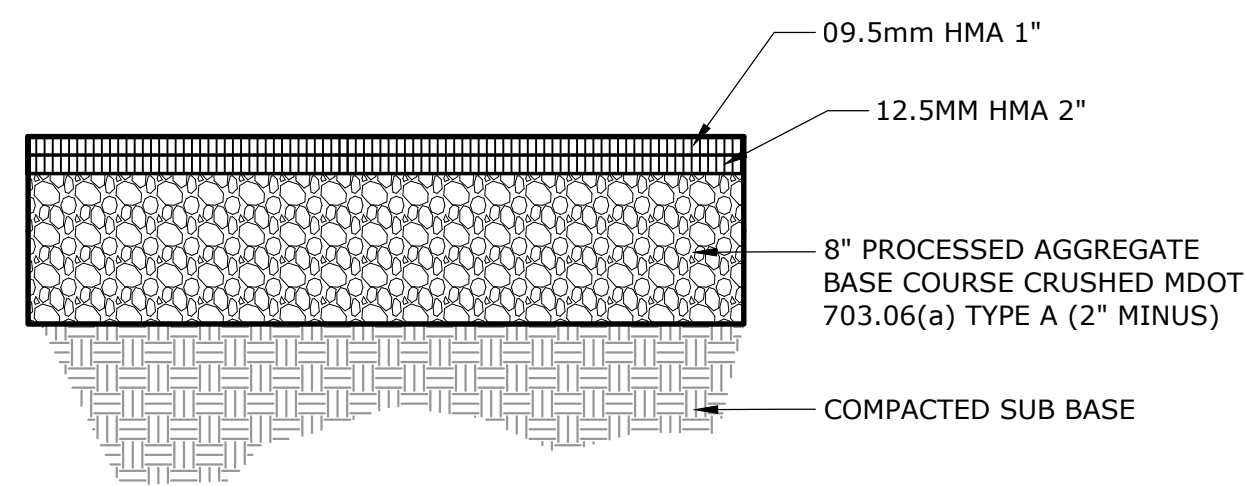
LM-6

SHEET NAME

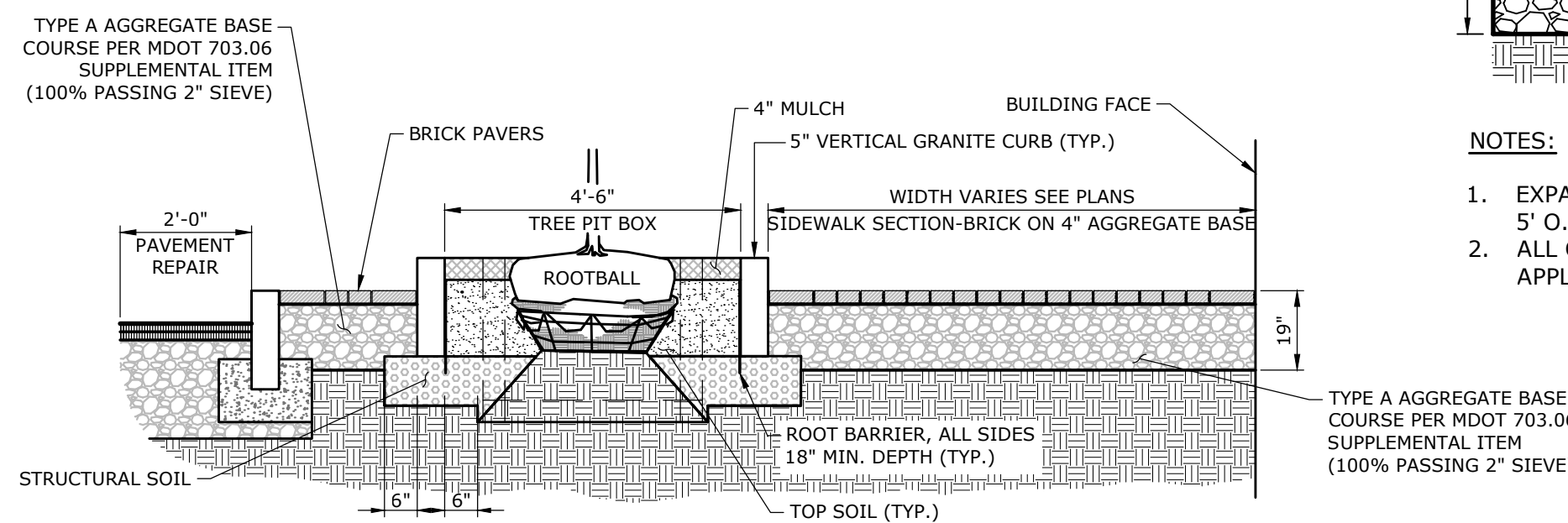
WHEEL - 10" MINIMUM RADIUS TO THE CURB - 10" MINIMUM RADIUS TO THE CURB - 10" MINIMUM RADIUS TO THE CURB



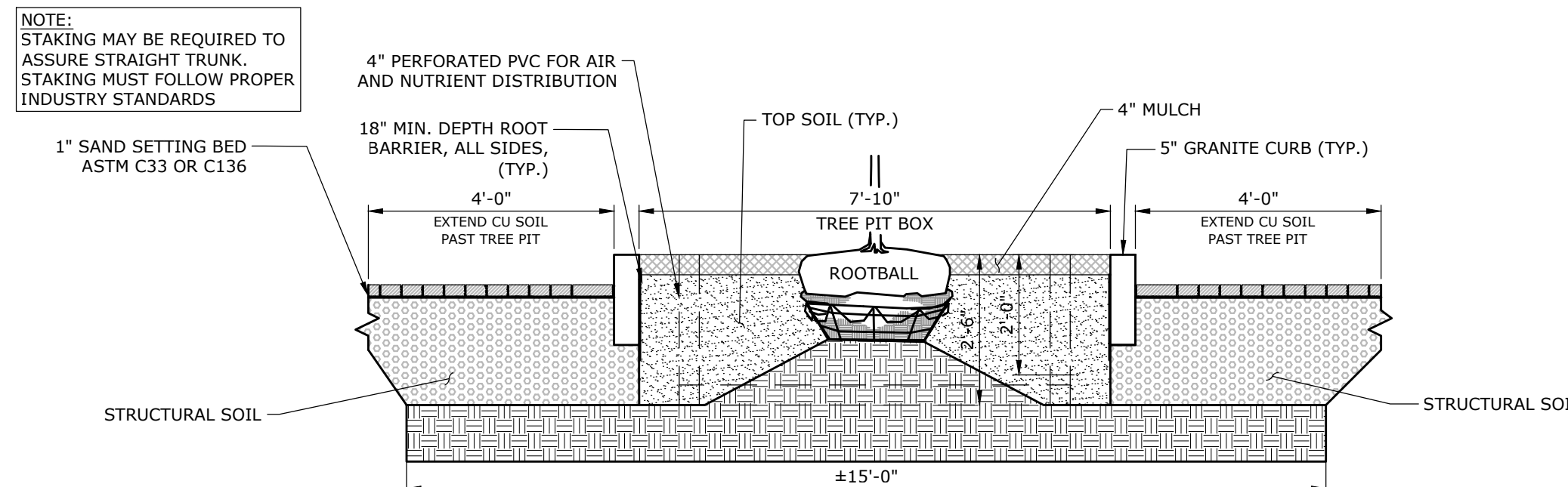
BITUMINOUS CONCRETE DRIVEWAY
NOT TO SCALE



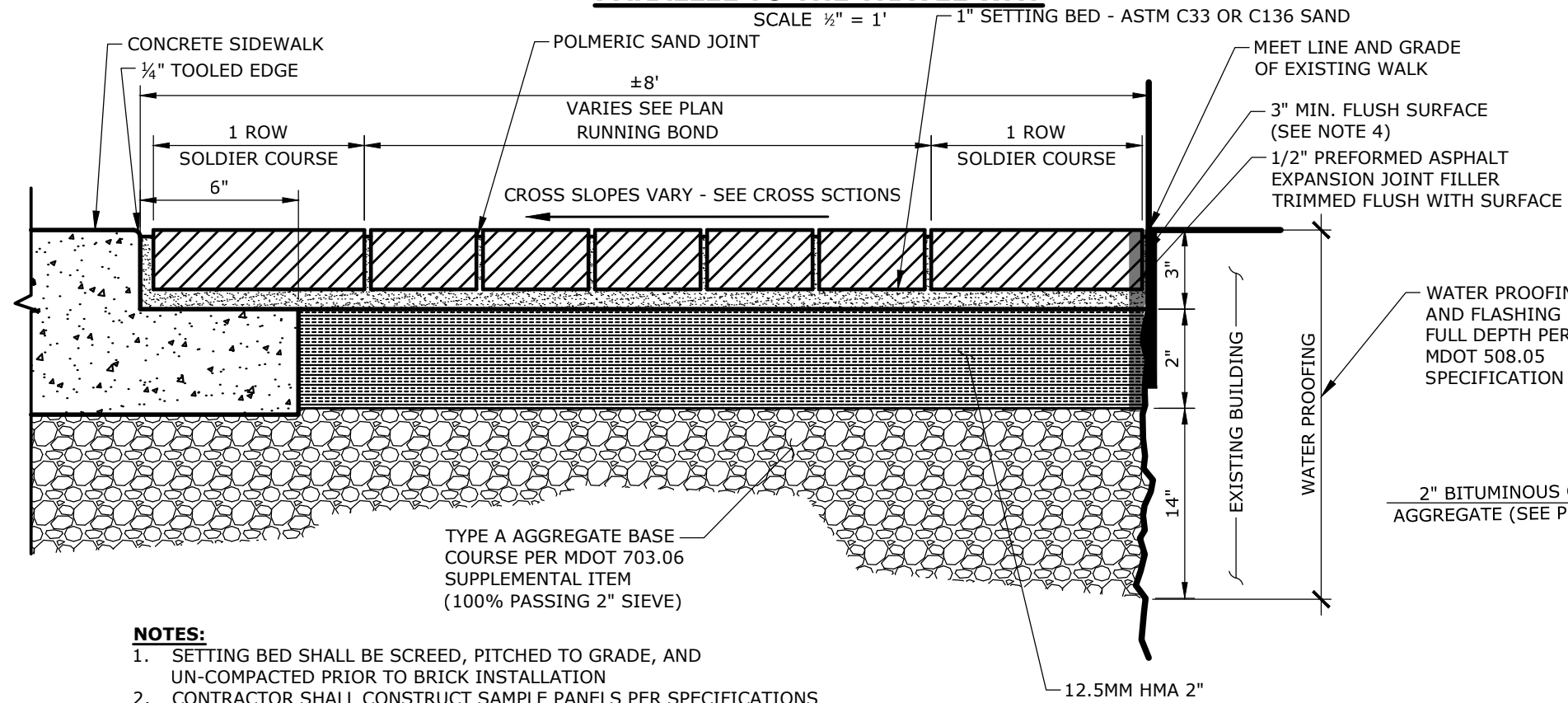
BITUMINOUS CONCRETE SIDEWALK
NOT TO SCALE



**TYPICAL STRUCTURAL SOIL AT TREE PIT
PERPENDICULAR TO THE TRAVEL WAY**
SCALE: 1/2" = 1'

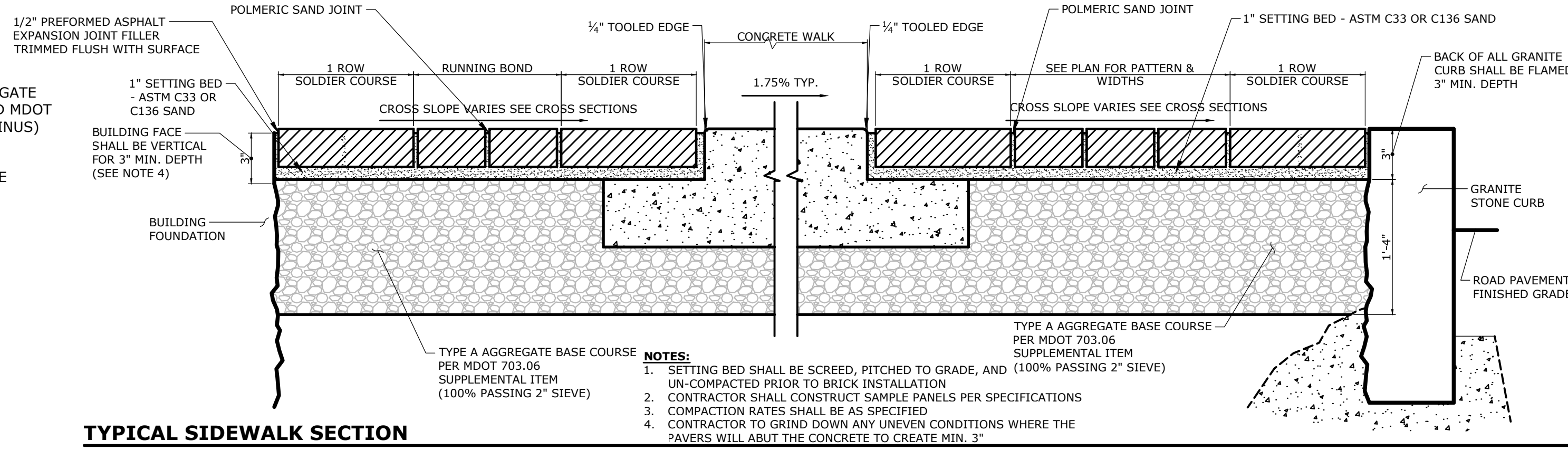


**TYPICAL STRUCTURAL SOIL AT TREE PIT
PARALLEL TO THE TRAVEL WAY**
SCALE: 1/2" = 1'

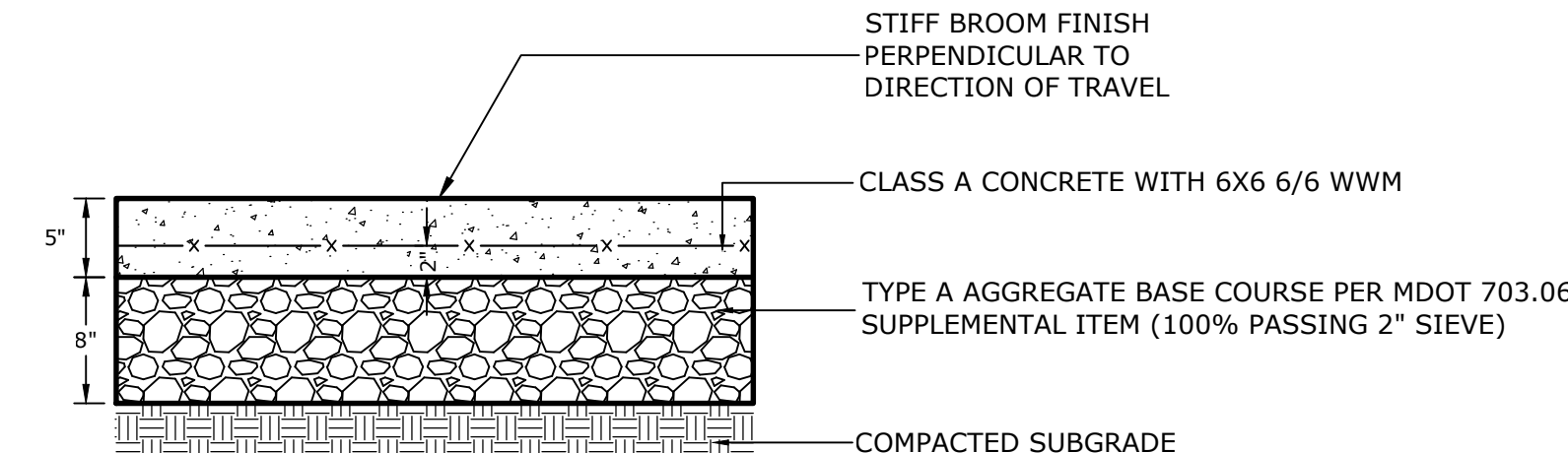


BRICK SIDEWALK - SHY ZONE ON BITUMINOUS BASE
N.T.S.

-STA. 102+67 - 103+94 LT
-STA. 204+61 - 205+79 RT

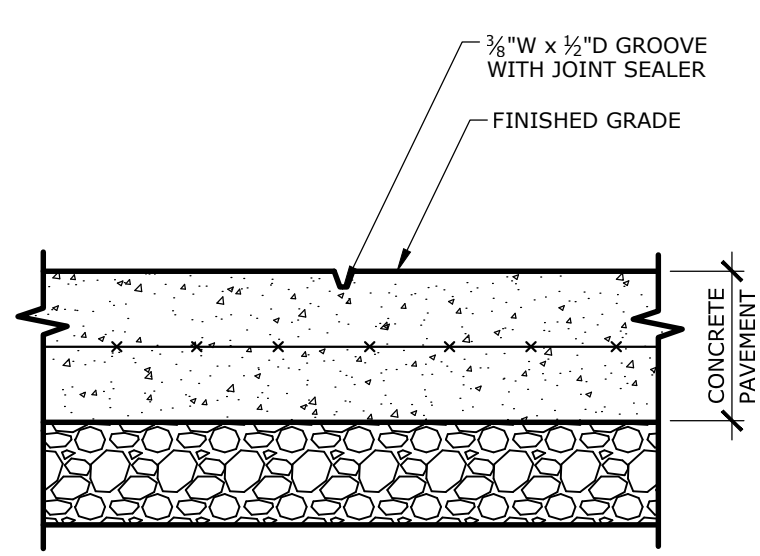


TYPICAL SIDEWALK SECTION
BRICK ON SAND ON AGGREGATE WITH CONCRETE SIDEWALK SEGMENT
NOT TO SCALE

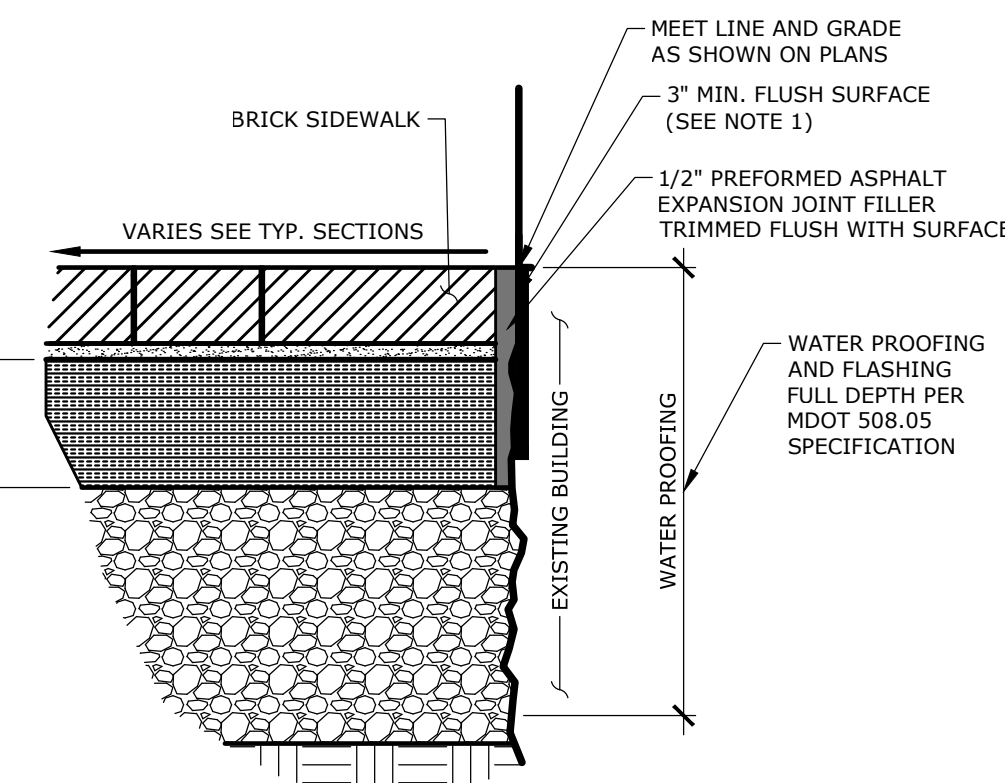


- NOTES:**
1. EXPANSION JOINTS 20' O.C. MAX. CONTROL JOINTS 5' O.C. TYPICAL (SEE JOINT DETAILS).
 2. ALL CONCRETE SIDEWALK TO HAVE SALT GUARD APPLIED PER SPECS.

CONCRETE SIDEWALK
NOT TO SCALE

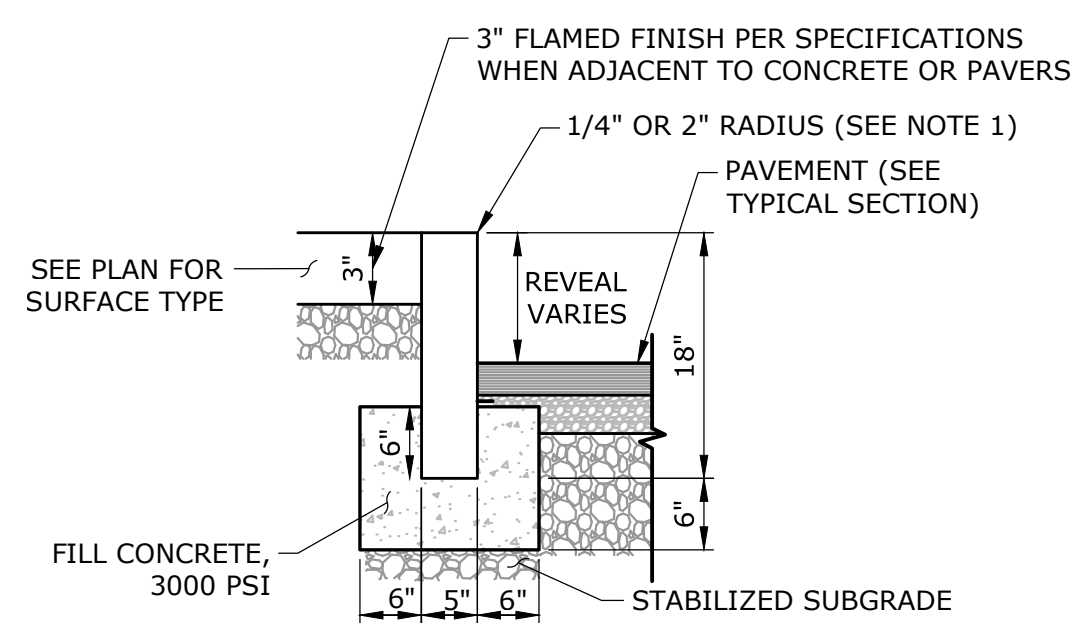


SCORE JOINT
N.T.S.

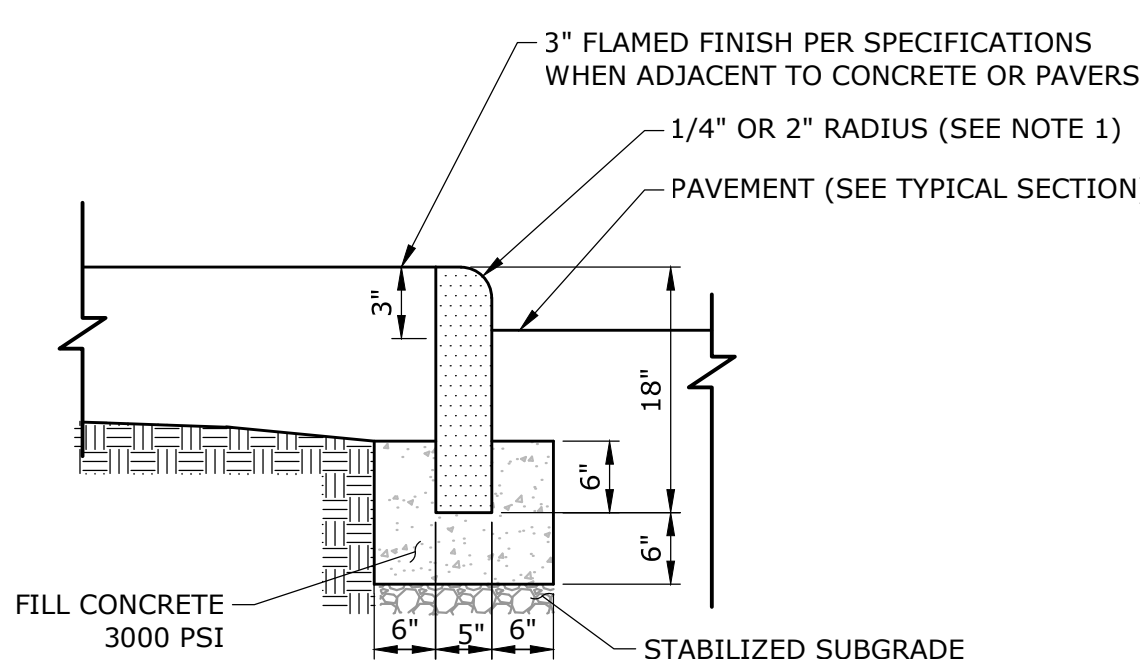


- NOTES:**
1. CONTRACTOR TO GRIND DOWN ANY UNEVEN CONDITIONS WHERE THE PAVERS WILL ABUT THE CONCRETE TO CREATE MIN. 3" DEEP FLUSH SURFACE

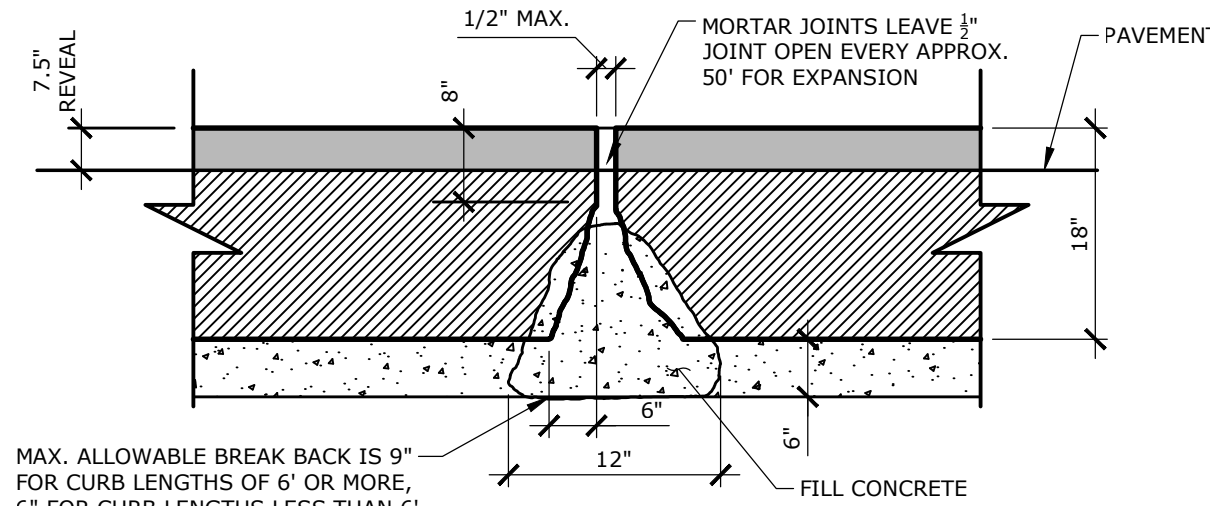
BRICK SIDEWALK AT BUILDING FACE
SCALE: 1"=6"



TYPE I VERTICAL GRANITE CURB
NOT TO SCALE

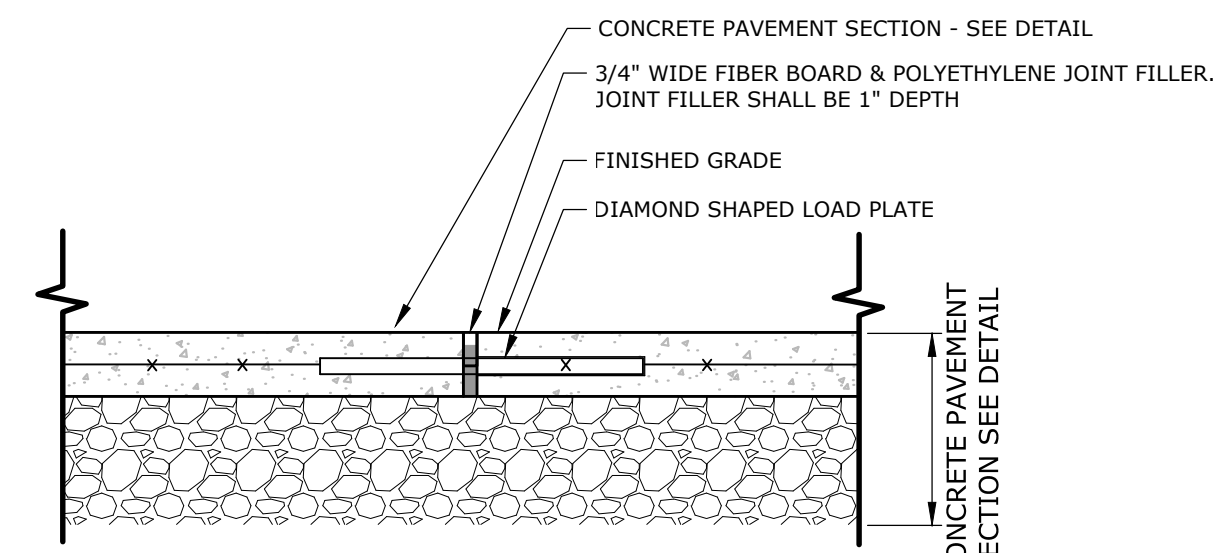


CURVED GRANITE CURBING
NOT TO SCALE



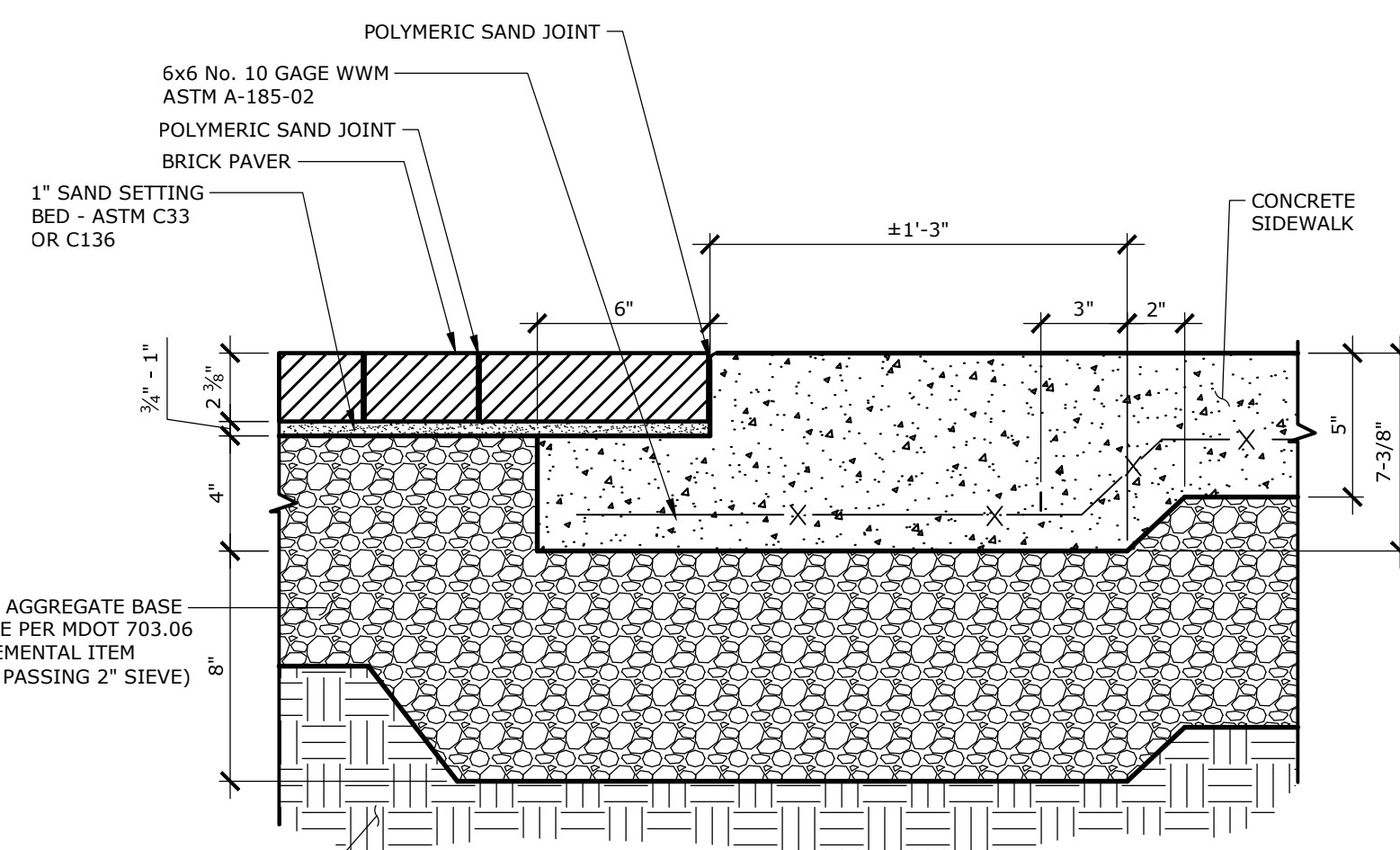
- NOTES:**
1. AT ALL JOINTS PROVIDE 4"x8-1/2" UNDERDRAIN FILTER FABRIC SET 1/2" BELOW TOP OF CURB SPANNING THE JOINT.

TYPICAL JOINT DETAIL FOR GRANITE CURBING
N.T.S.



- NOTES:**
1. PROVIDE PREFORMED EXPANSION JOINT AT ALL CONSTRUCTION JOINT, SAWCUT, AND OTHER LOCATIONS WHERE CONCRETE ABUTTS EXISTING CONCRETE.

CEMENT CONCRETE EXPANSION JOINT
NOT TO SCALE



- NOTES:**
1. EXPANSION JOINTS 20' O.C. MAXIMUM
 2. CONCRETE BASE SHALL BE SCAFFOLD WITH A FLOAT FINISH AND PITCHED TO GRADE

BRICK SIDEWALK - JOINT AT CONCRETE WALK
N.T.S.

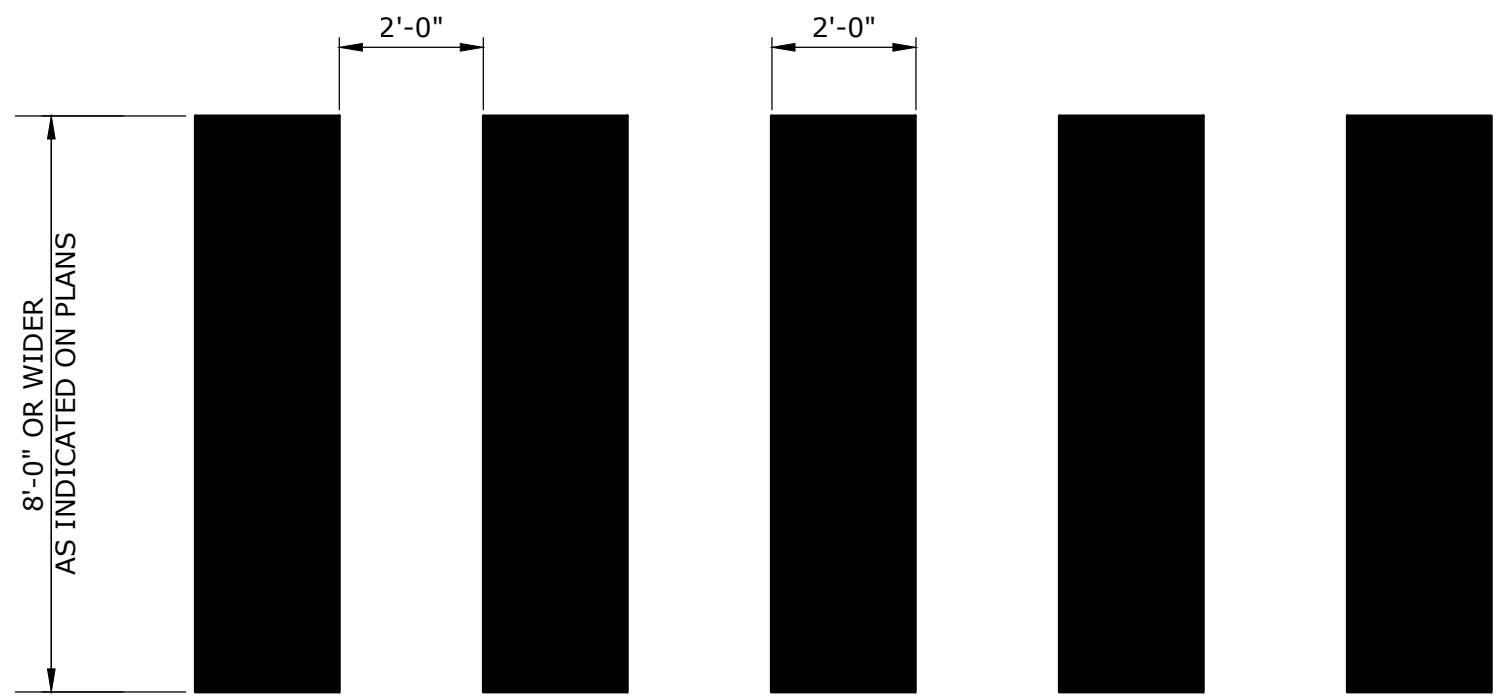


DESCRIPTION	DATE	BY

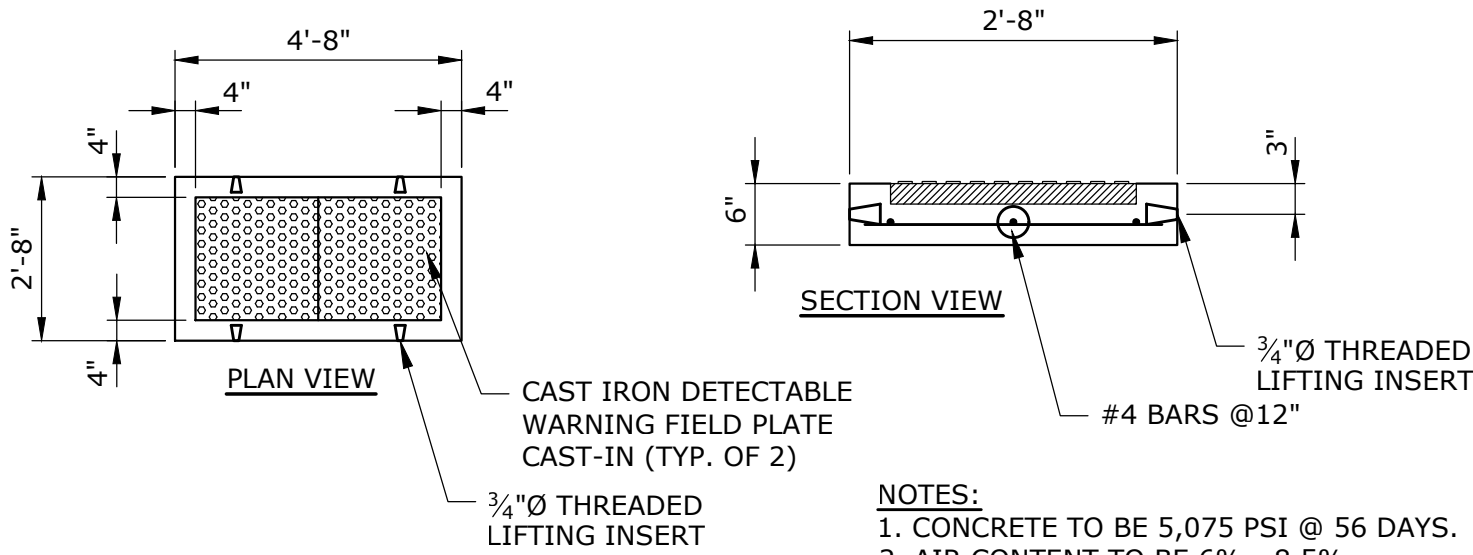
SITE DETAILS
**DOWNTOWN STREETSCAPE
ENHANCEMENT PROJECT**
**MAINE STREET
BRUNSWICK, MAINE**

DWD	JJM	DWD
DESIGNED	DRAWN	CHECKED
AS NOTED		
AUGUST 30, 2023		
DATE		
3516-11		
PROJECT NO.		
15 OF 32		

SD-1
SHEET NAME



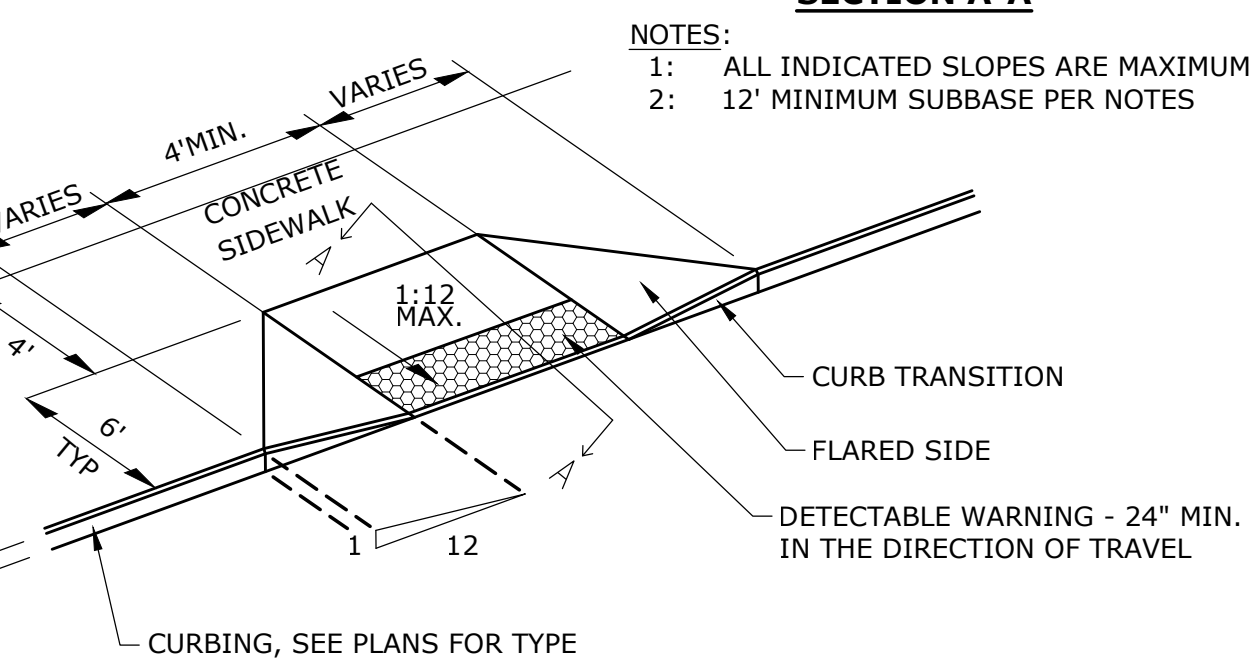
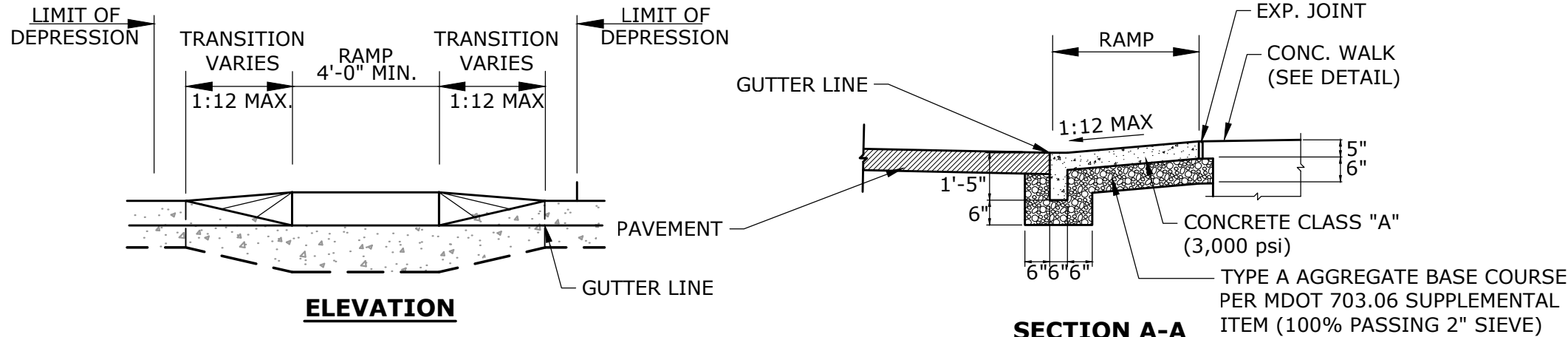
CROSSWALK PAVEMENT MARKINGS
NOT TO SCALE



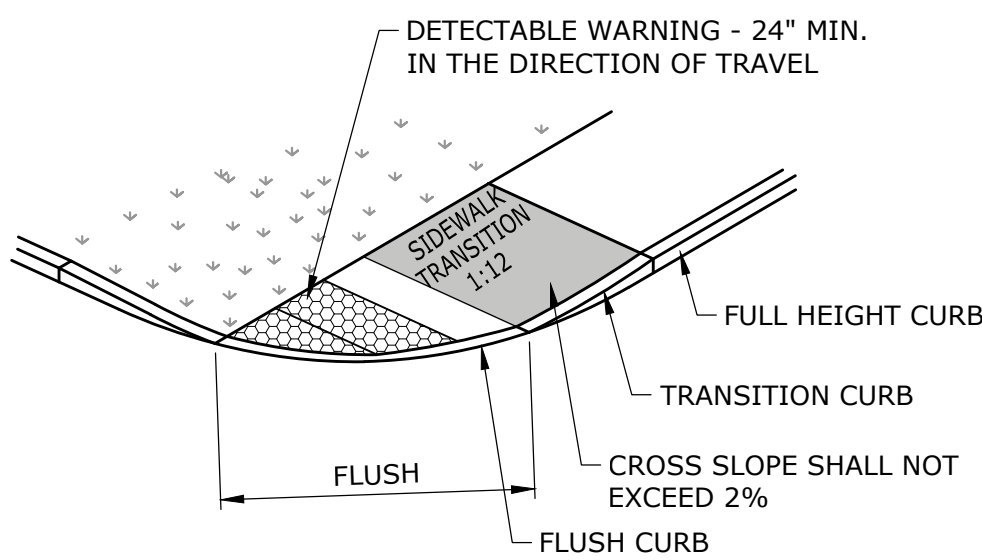
DETECTABLE WARNING FIELD
NOT TO SCALE

1. Maximums and minimums do not have tolerances and are not to be exceeded or unmet.
2. The standard turning space (level landing) is 4'-0" x 4'-0" sloping no more than 2.0%. Where the turning space is constrained, the turning space shall be 4'-0" minimum by 5'-0" minimum. The 5'-0" dimension shall be provided in the direction of the ramp run.
3. Detectable warnings shall be installed at all signed or signalized intersections. They shall have a truncated dome surface. The domes shall be in a square pattern and aligned with pedestrian traffic where possible.
4. Detectable warnings shall span the width of the pedestrian ramp. See Standard Detail 608(02).
5. All detectable warning fields placed at the same intersection shall be made up of the same uniform material type. Detectable warnings shall be contrasting in color to the adjacent walkway.
6. A ramp with a running slope less than 5.0% is defined as a "Blended Transition". Blended transitions do not require a level landing at the top of the ramp. See 80(026) for details.
7. The ramp length shall not exceed 15 feet. Adjust ramp length or slope as needed to provide access to the maximum extent feasible. See 80(03) for details.
8. All curb ramp joints and grade breaks shall be flush.
9. Ramp grade breaks shall be perpendicular to the running slope.
10. There shall be a minimum of 12" Aggregate Subbase Course - Gravel under the sidewalk surface on pedestrian ramps.
11. Drainage structures, traffic signal equipment, or other obstructions shall not be installed in the curb ramp or turning space areas.
12. Before retrofitting ramps, the contractor shall verify removal limits are sufficient to provide positive drainage, maintain existing drainage patterns, and avoid ponding in the final configuration.
13. A temporary pedestrian access route shall be provided whenever the existing pedestrian access route in the public right of way is blocked by construction, alteration, maintenance, or other temporary conditions. Refer to MUTCD for guidance.

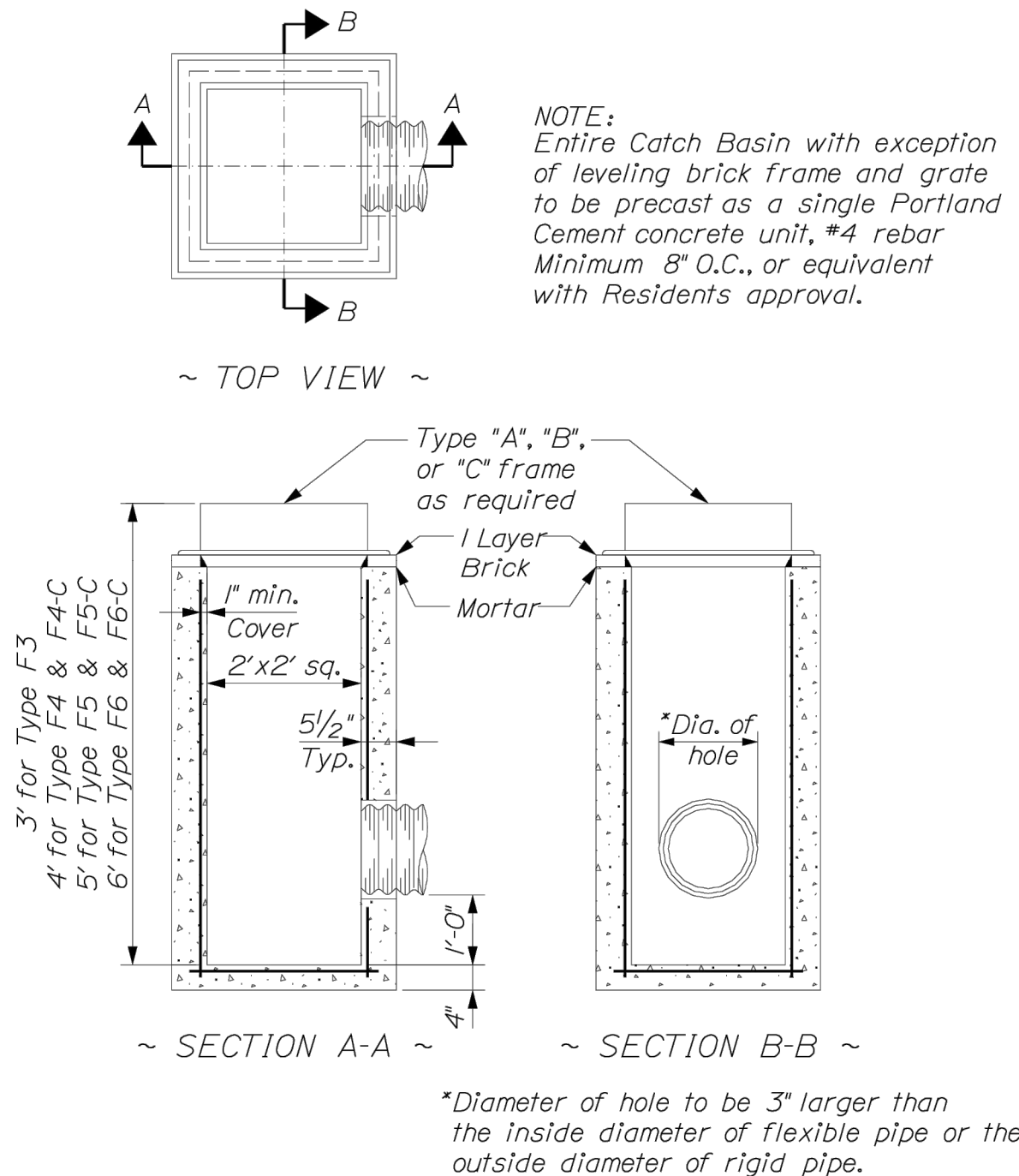
PEDESTRIAN RAMP NOTES
80(10)



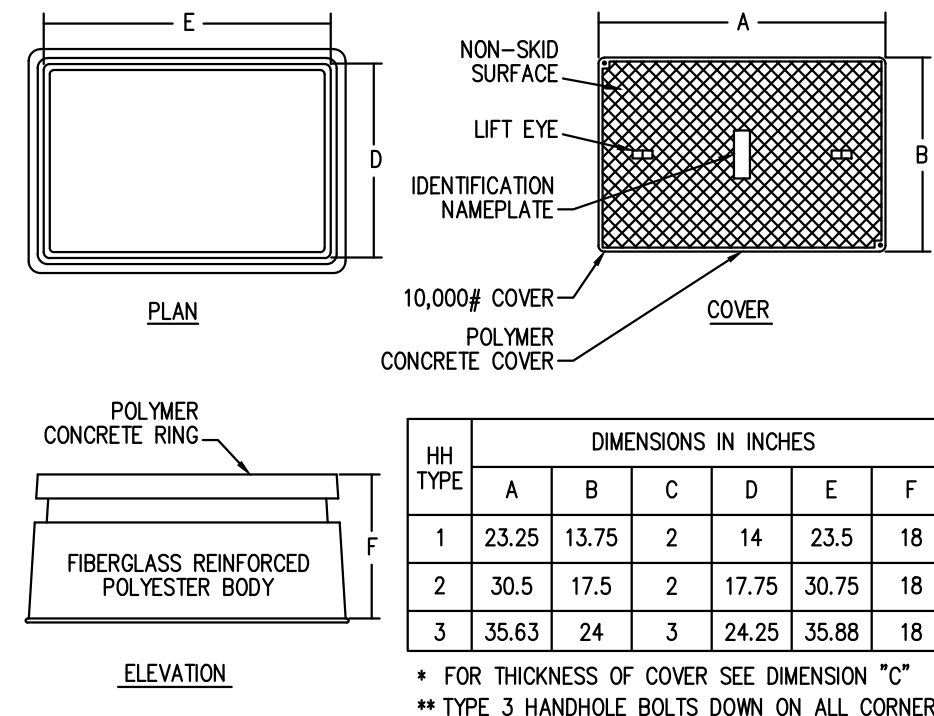
ACCESSIBLE DROP RAMP - TYPE A
NOT TO SCALE



ACCESSIBLE DROP RAMP - TYPE C
NOT TO SCALE



CATCH BASIN TYPE "F"
604(10)



HH TYPE	DIMENSIONS IN INCHES					
	A	B	C	D	E	F
1	23.25	13.75	2	14	23.5	18
2	30.5	17.5	2	17.75	30.75	18
3	35.63	24	3	24.25	35.88	18

* FOR THICKNESS OF COVER SEE DIMENSION "C"

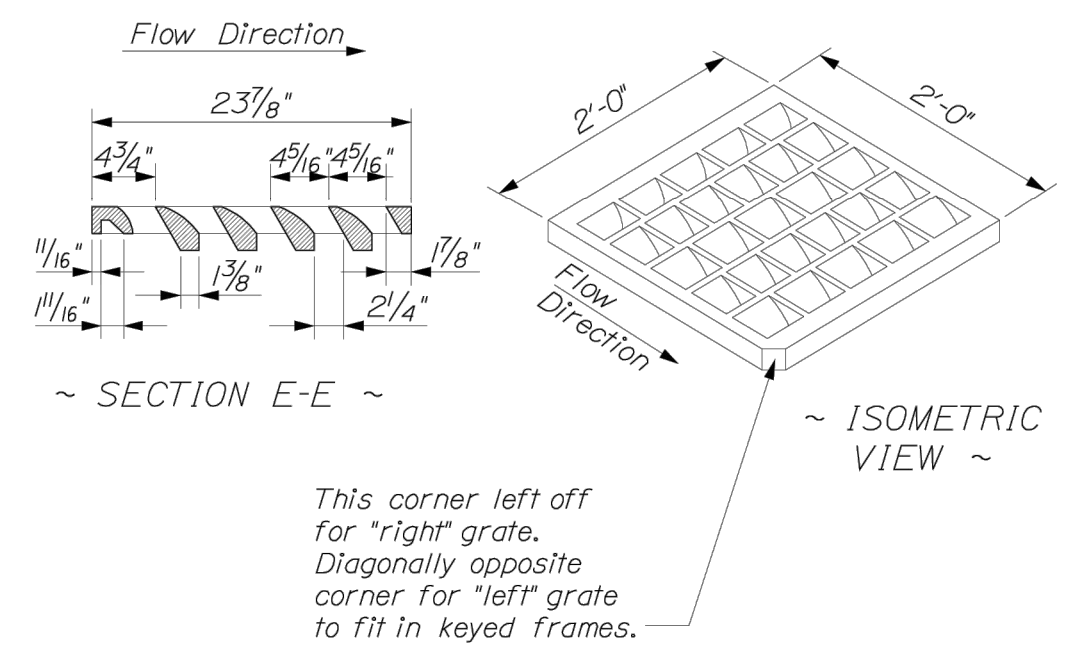
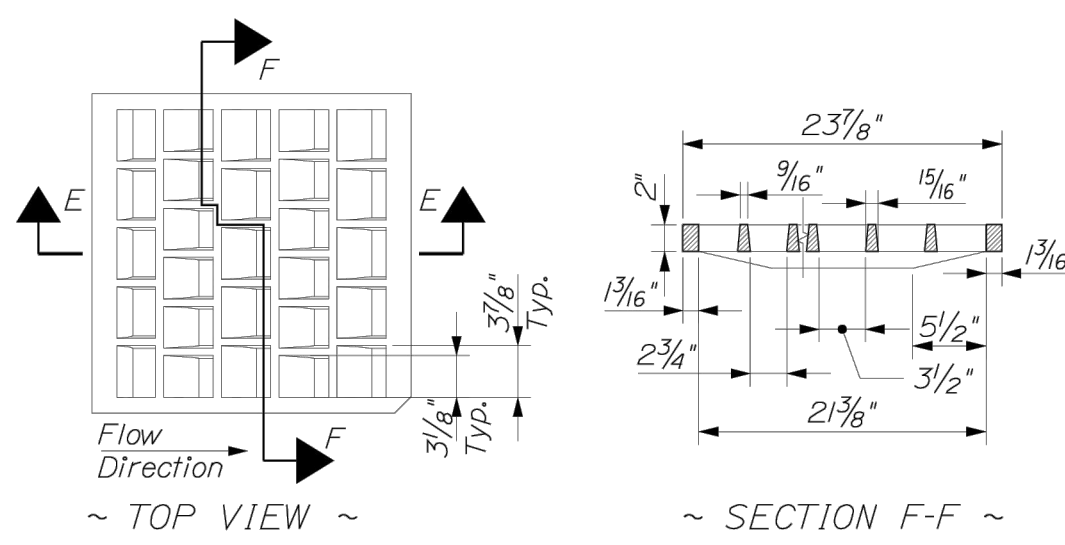
** TYPE 3 HANDHOLE BOLTS DOWN ON ALL CORNERS

1. PROVIDE FOR CONDUIT RUNS OVER 250 FEET.

2. PROVIDE TYPE 3 HANDHOLE FOR CATV/TEL PULL BOXES, HHA, HHB, HHC, AND HHD.

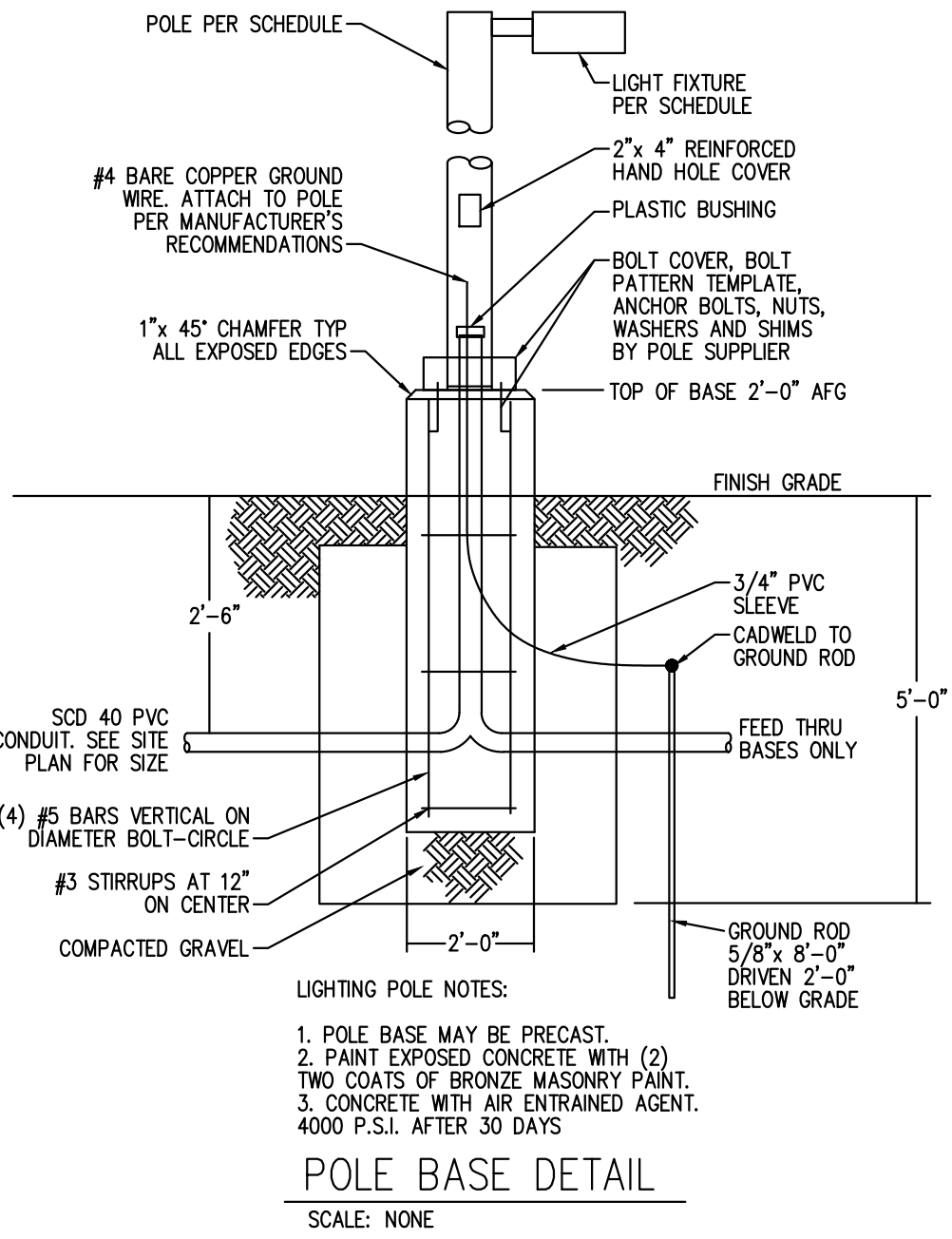
3. PROVIDE TYPE 1 FOR SITE LIGHTING, SEWER PUMPS, SMALL POWER AND FIRE ALARM HH1,2 AND 3.

HANDHOLE DETAILS
SCALE: NONE



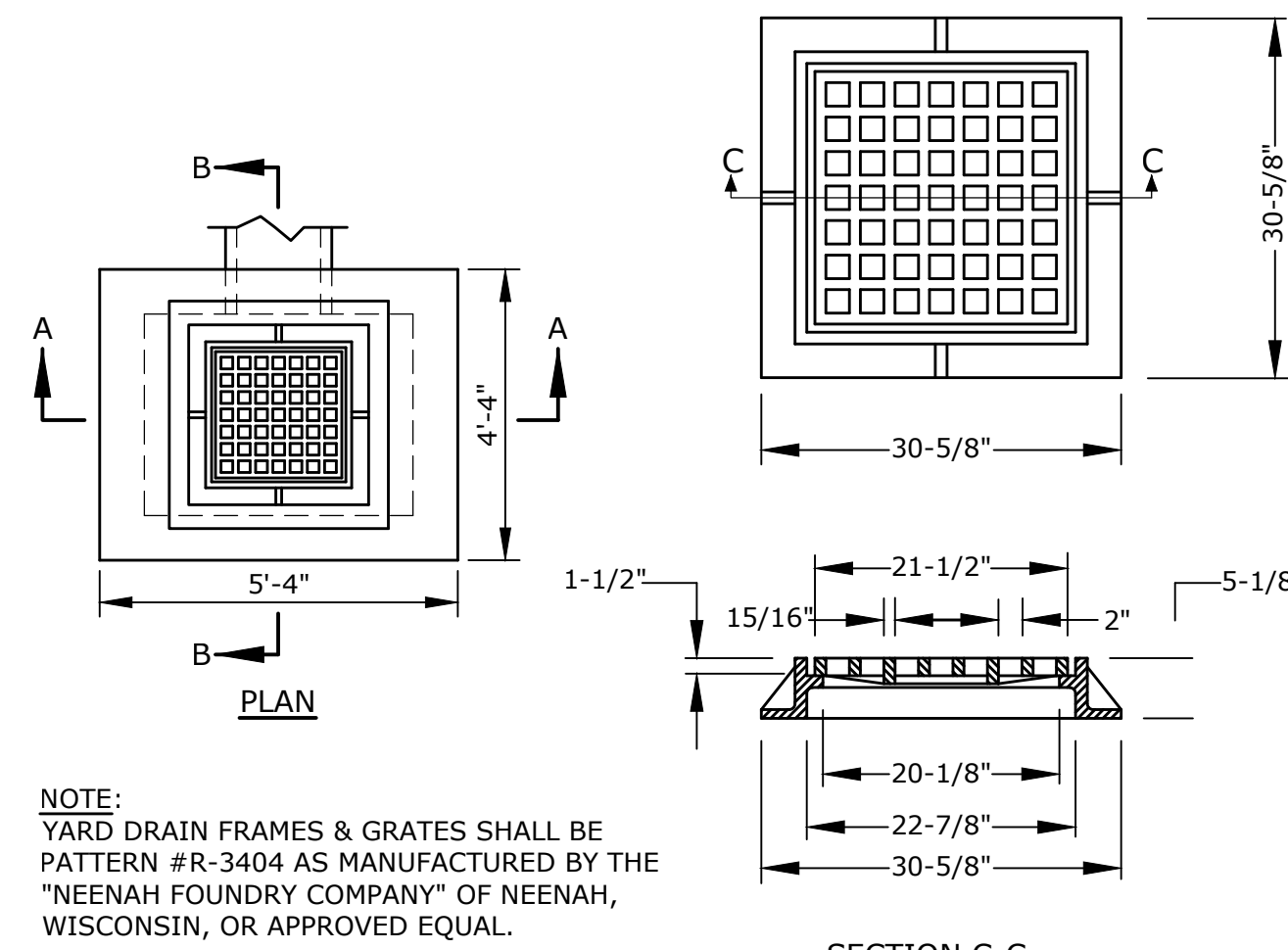
- NOTES:**
1. To be used where parallel bar grates would present a hazard to bicycle traffic.
 2. For use on catch basin types: A1-C, A2-C, A5-C, B1-C, B2-C, B5-C, F3-C, F4-C, F5-C, F6-C.

"CASCADE" - TYPE" GRATES
604(04)A



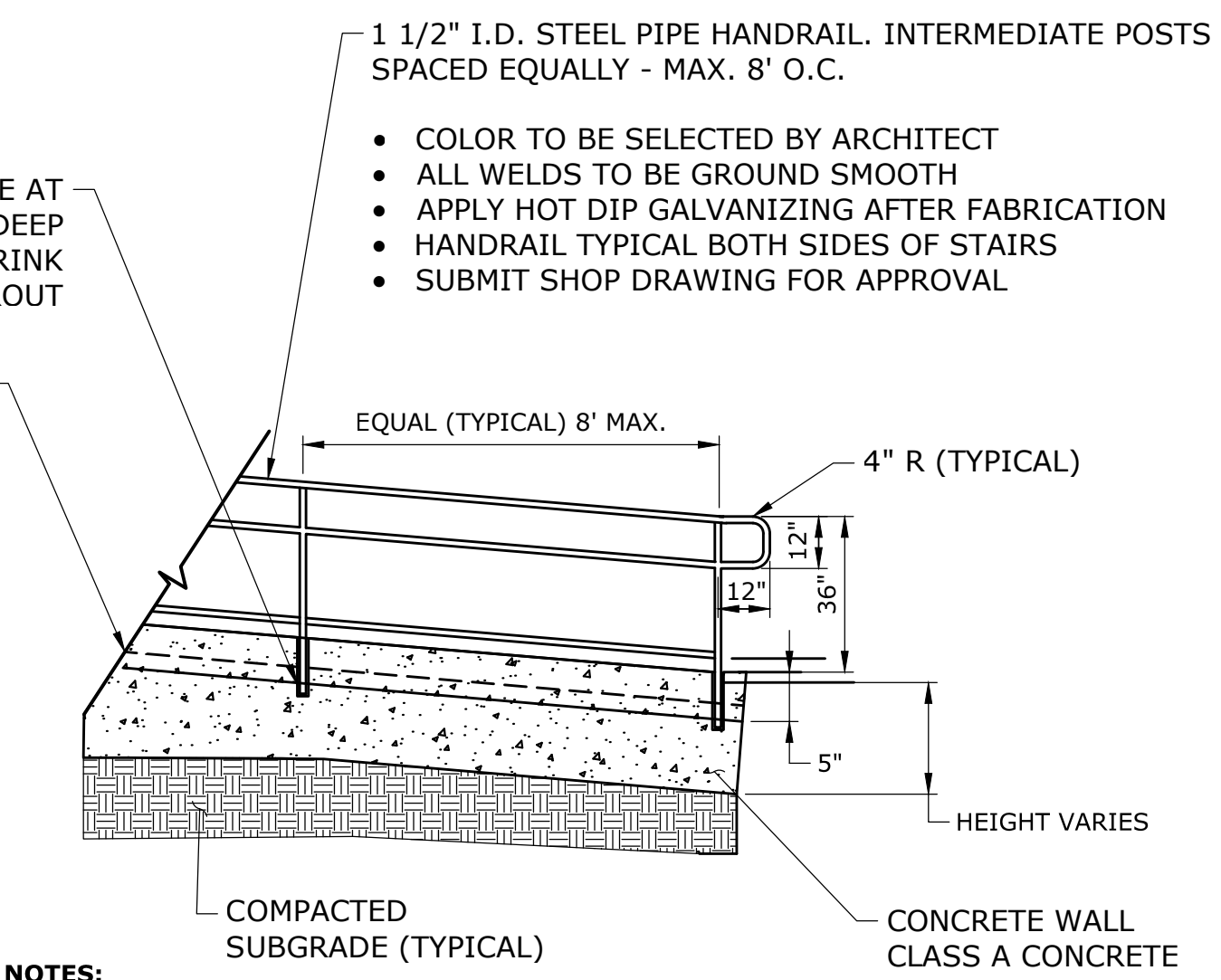
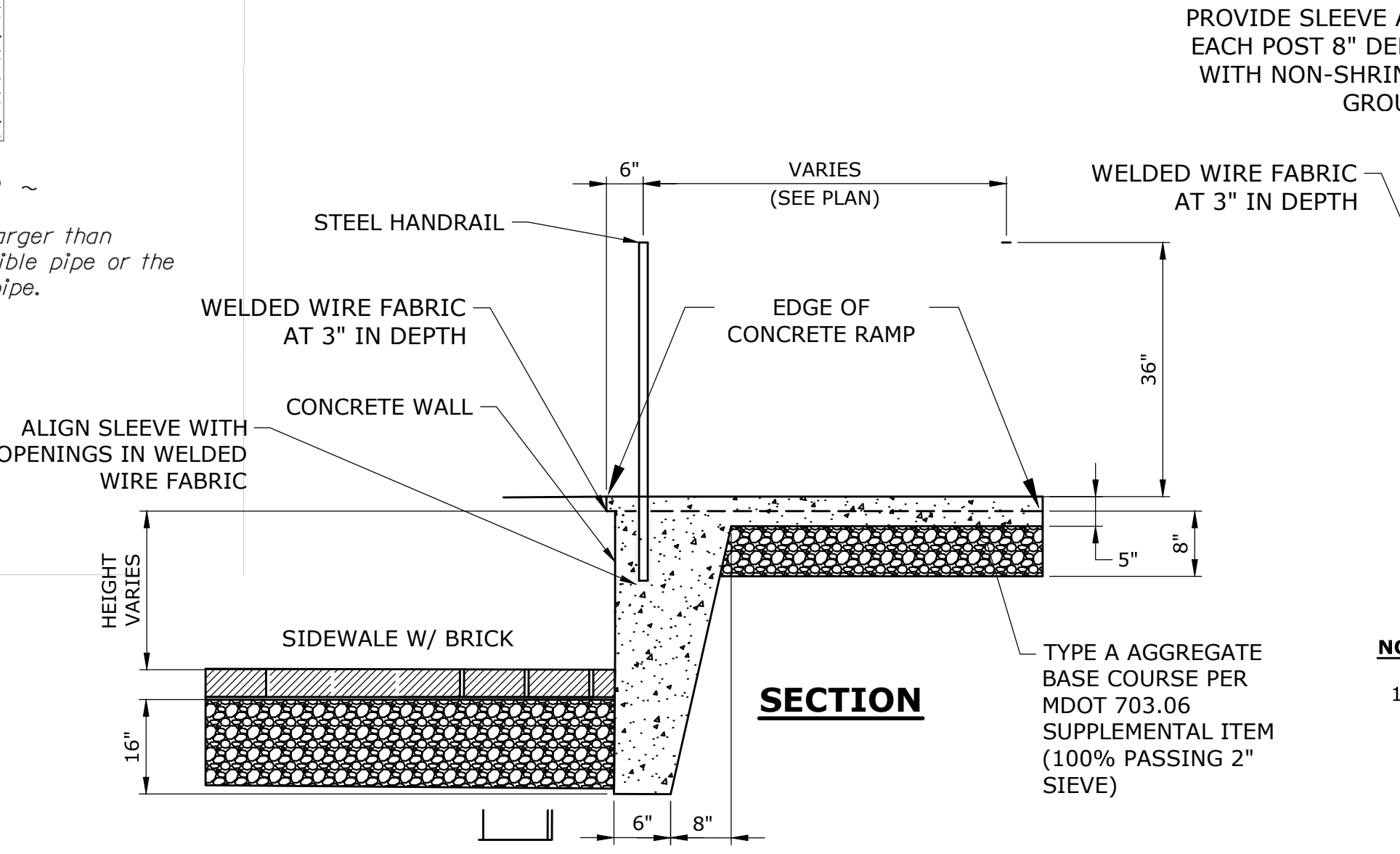
NOTES

1. DISCONNECT AND REMOVE EXISTING LIGHT POLE AND LIGHT FIXTURE. CUT CONDUIT AT POLE BASE DO NOT CUT WIRE, PULL WIRE OUT OF BASE AND REMOVE POLE BASE. INSTALL PULL BOX AT REMOVED POLE BASE LOCATION AND REWORK CONDUIT AND WIRE INTO THE PULL BOX. EXTEND CONDUIT AND WIRE TO NEW POLE BASE LOCATION.
2. INSTALL NEW POLE BASE AT LOCATION INDICATED. NEW POLE BASE SHALL HAVE BOLT PATTERN THAT MATCHES EXISTING POLE. INSTALL EXISTING POLE AND FIXTURE ON NEW BASE AND CONNECT EXTENDED CONDUIT AND WIRE.



YARD DRAIN FRAME & GRATE
NOT TO SCALE

P-CO-2793.13-78



STEEL HAND RAIL AT RAMPS
NOT TO SCALE



DESCRIPTION	DATE	BY

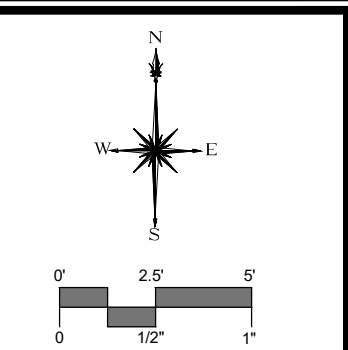
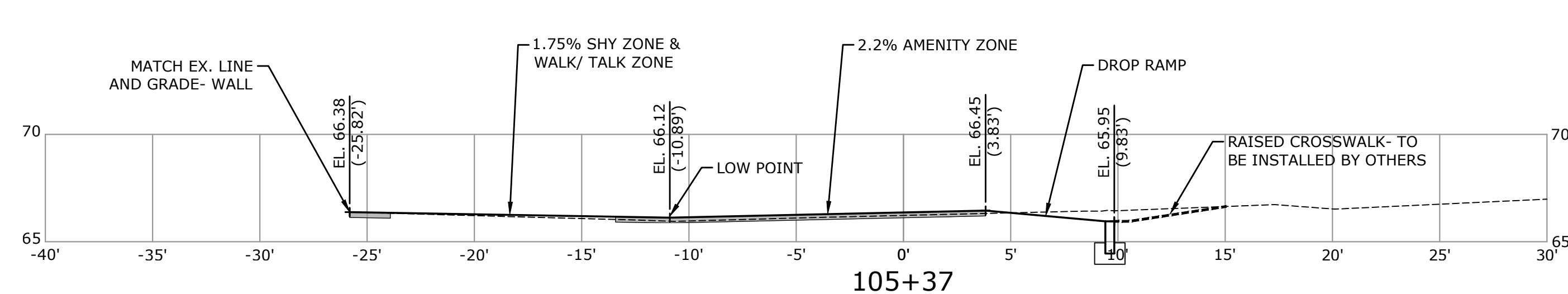
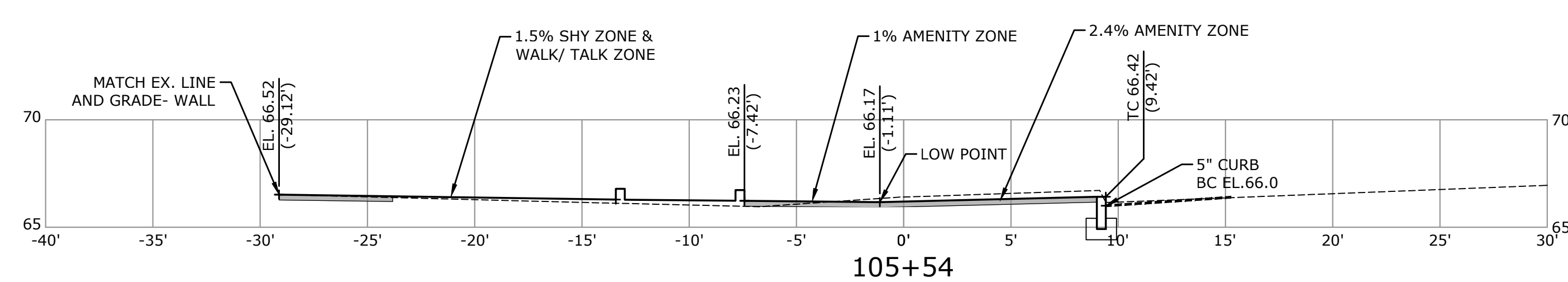
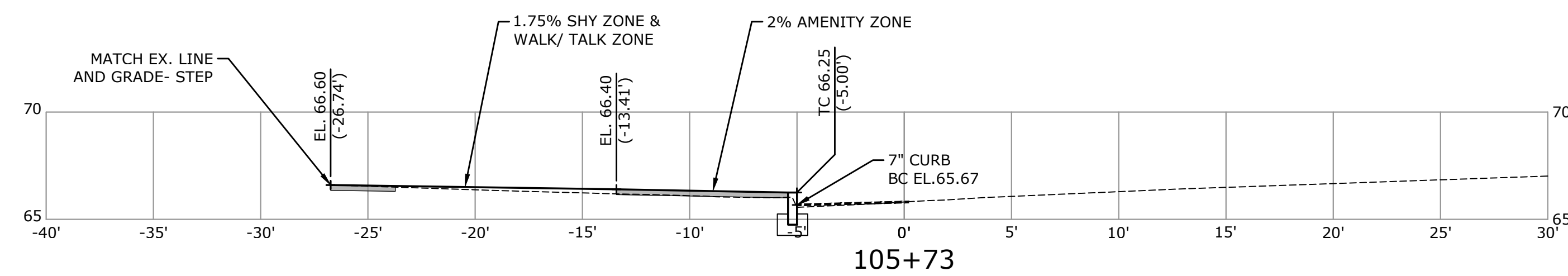
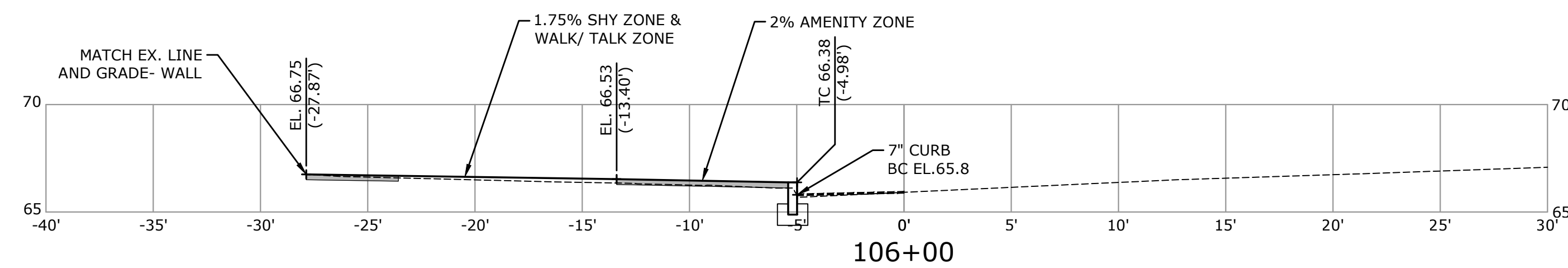
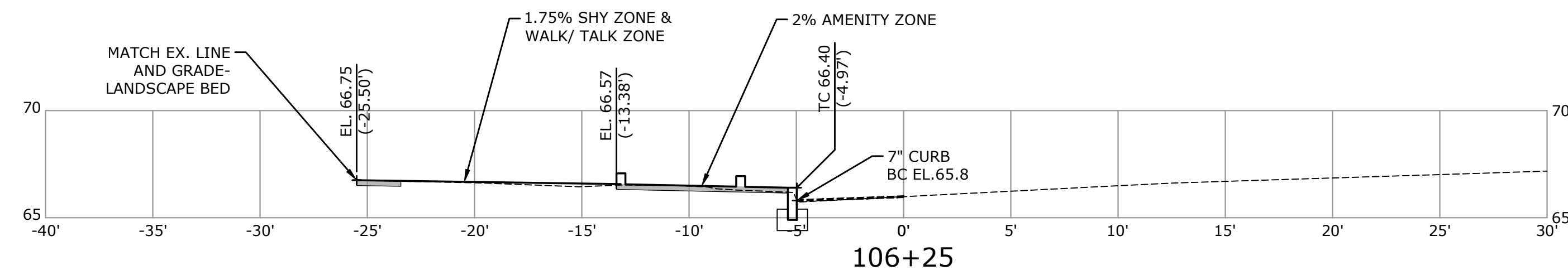
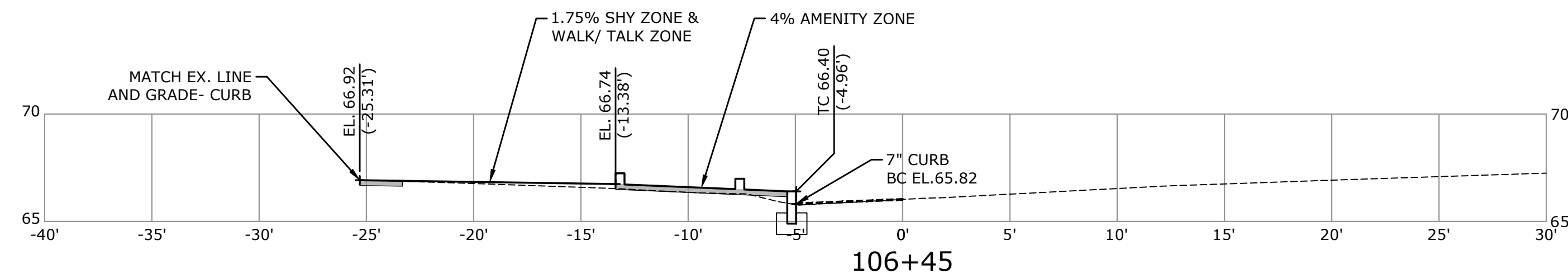
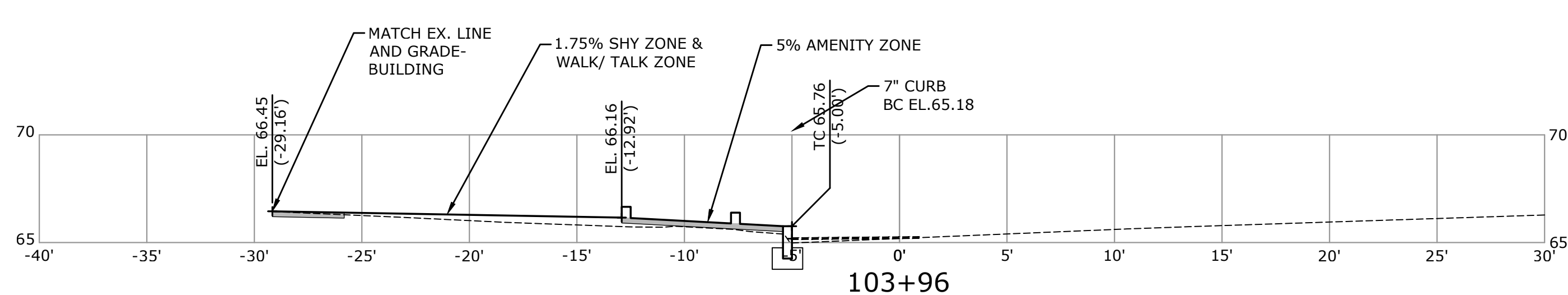
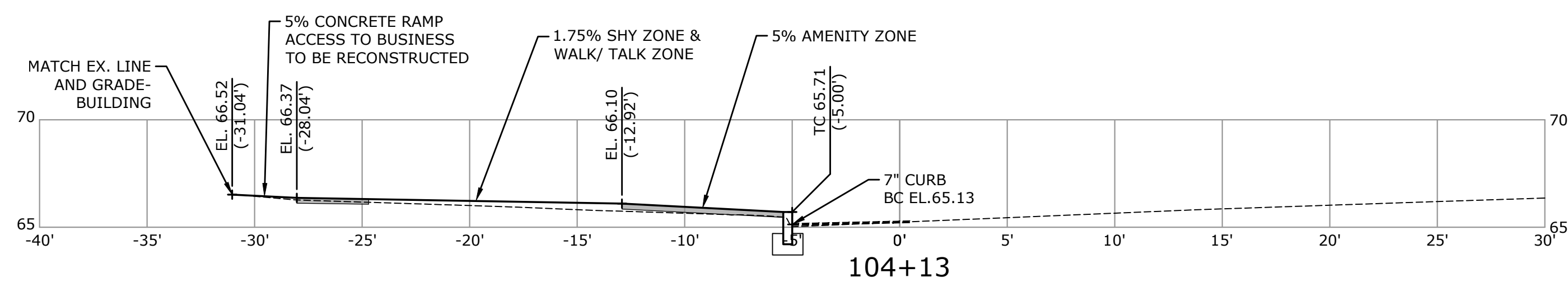
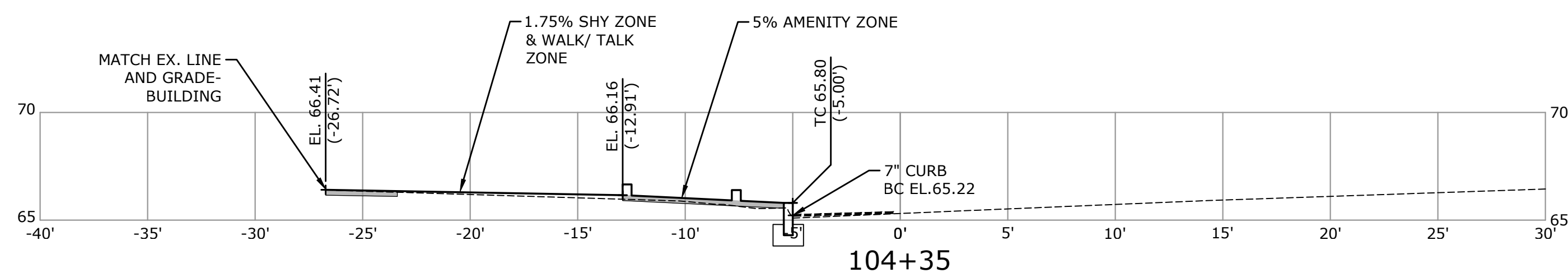
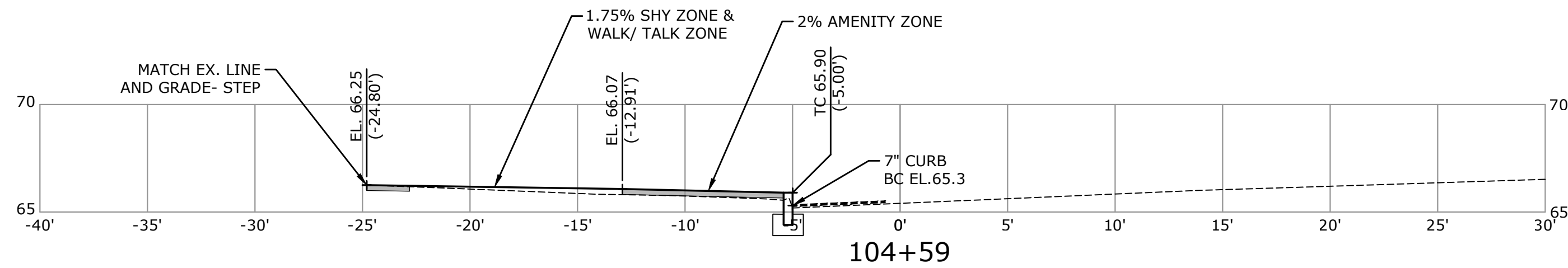
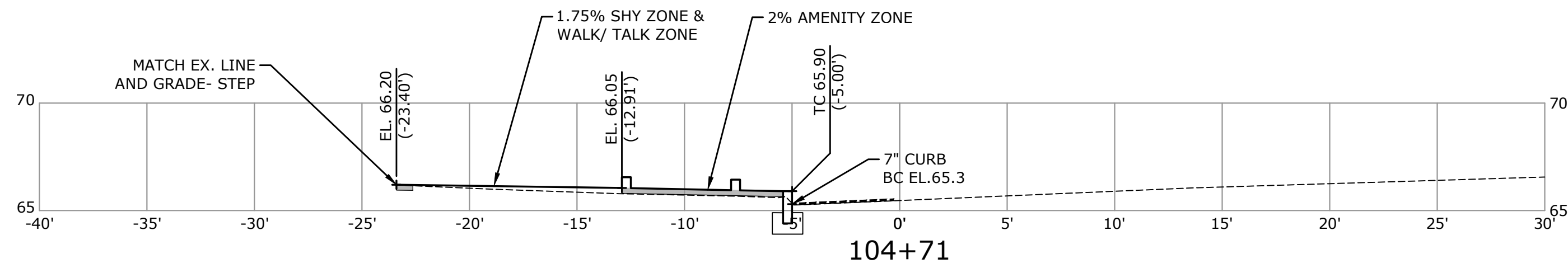
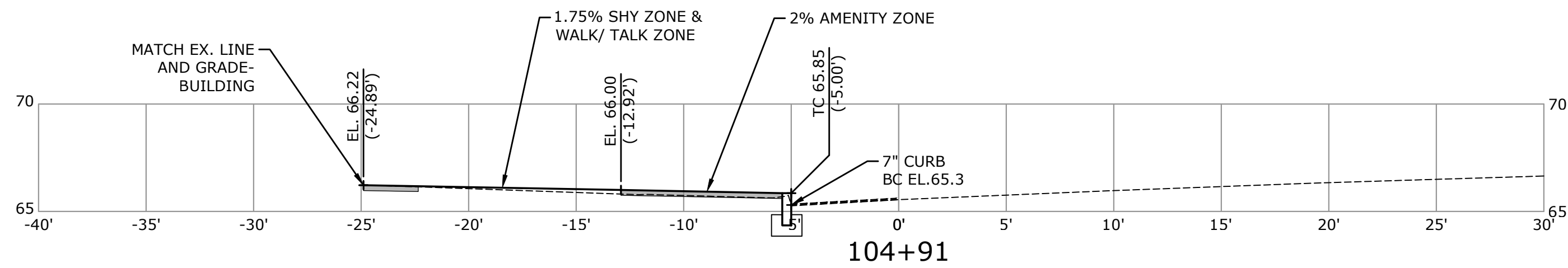
SITE DETAILS
**DOWNTOWN STREETSCAPE
ENHANCEMENT PROJECT**
**MAINE STREET
BRUNSWICK, MAINE**

DWD	JJM	DWD
DESIGNED	DRAWN	CHECKED
AS NOTED		
AUGUST 30, 2023		
DATE		
3516-11		
PROJECT NO.		
16 OF 32		

SD-2

SHEET NAME

WHEEL - 10. APPROVED 10/20/2010 BY: J. HARRIS, P.E. 10/20/2010
DESIGNED BY: J. HARRIS, P.E. 10/20/2010
DRAWN BY: J. HARRIS, P.E. 10/20/2010
CHECKED BY: J. HARRIS, P.E. 10/20/2010

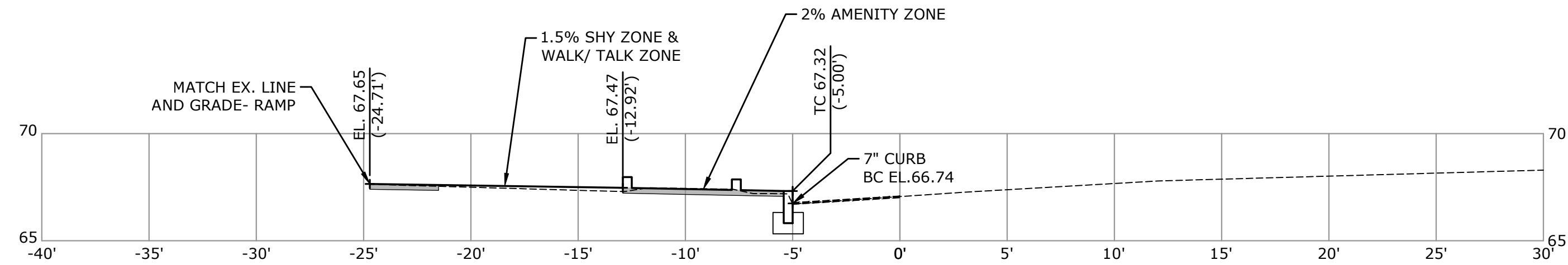


DESCRIPTION	DATE	BY

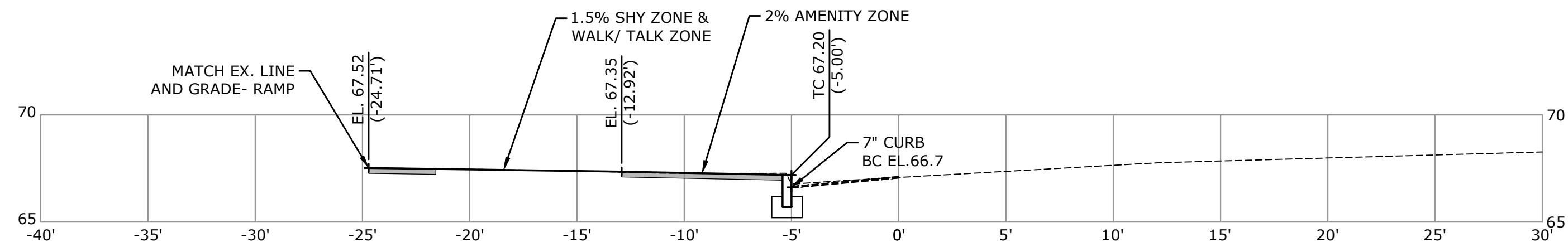
CROSS SECTIONS- WEST
DOWNTOWN STREETSCAPE
ENHANCEMENT PROJECT
MAINE STREET
BRUNSWICK, MAINE

JJM	JJM	DWD
DESIGNED	DRAWN	CHECKED
1"=5'		
AUGUST 30, 2023		
DATE		
3516-11		
PROJECT NO.		
19 OF 32		
DRAWING NO.		
XS-02		
SHEET NO.		

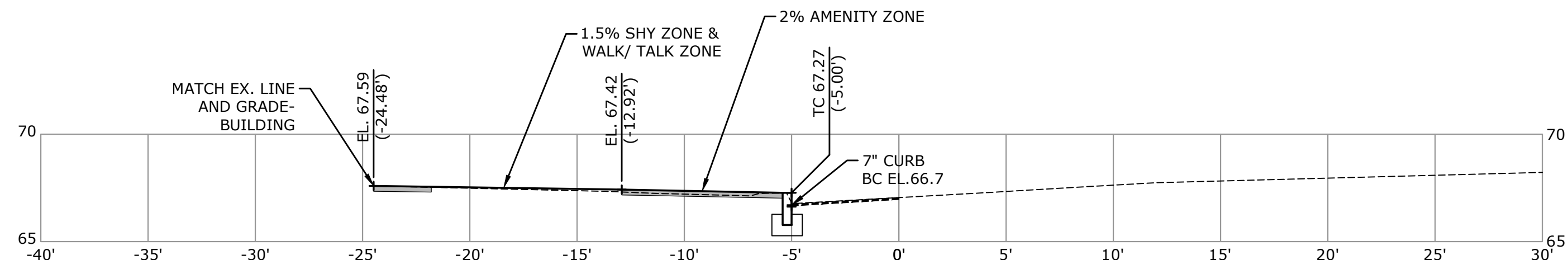
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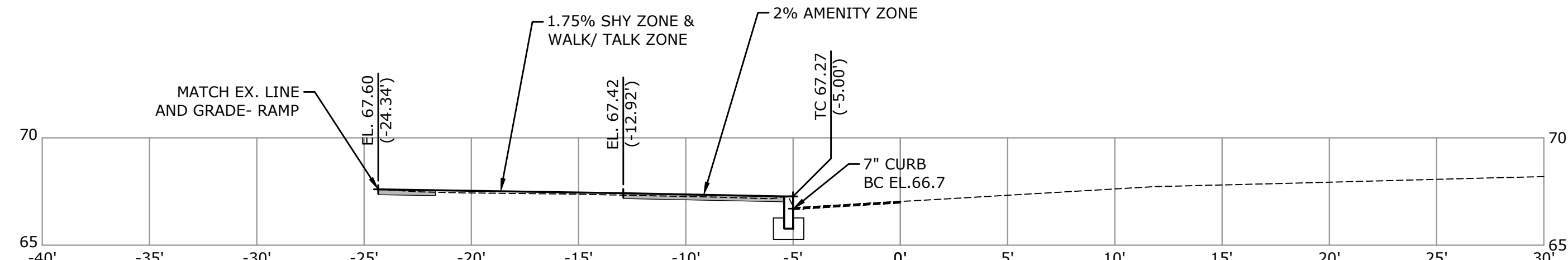
110+03



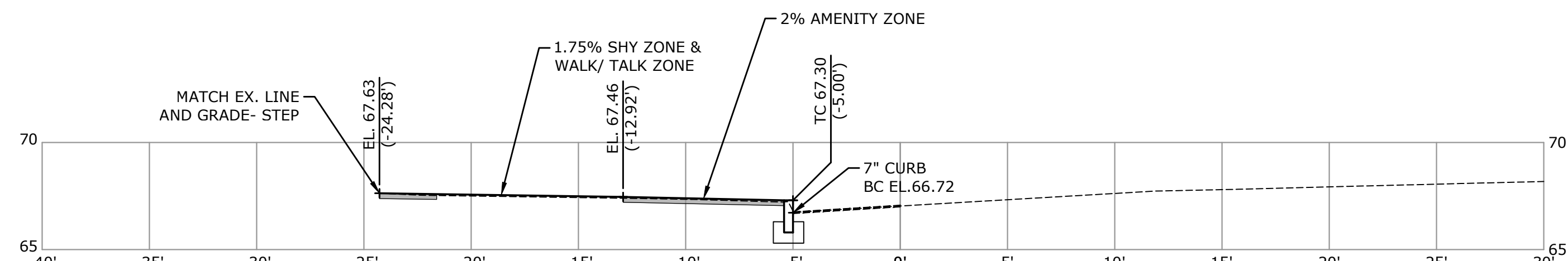
109+97



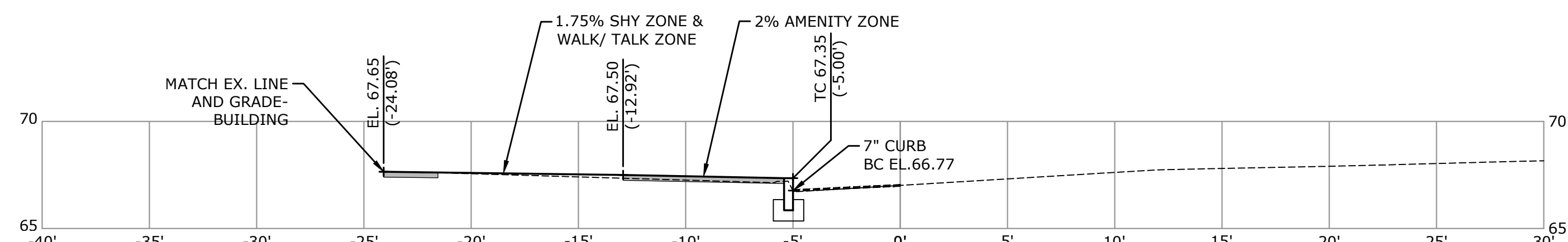
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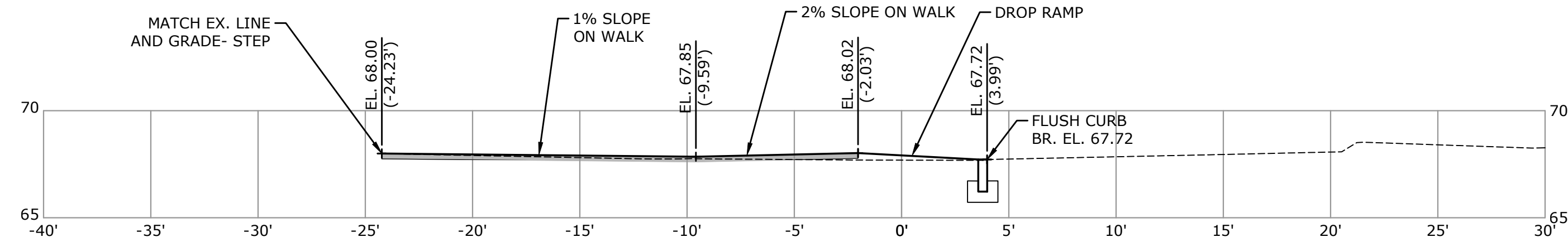
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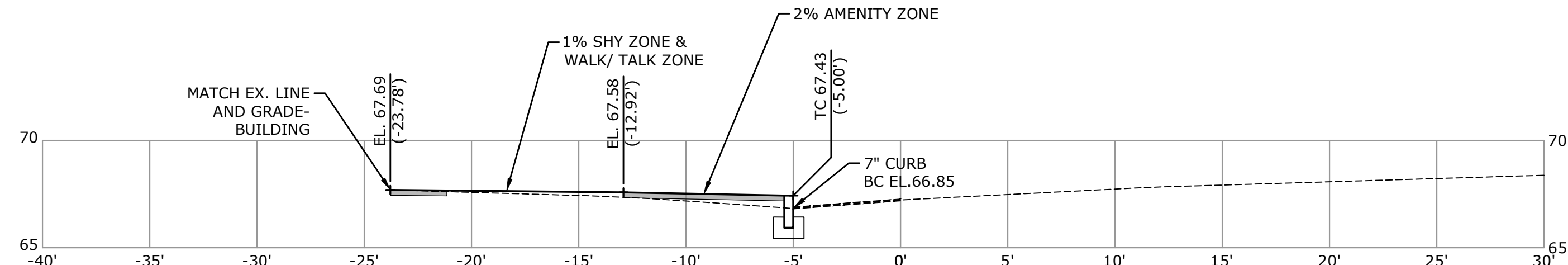
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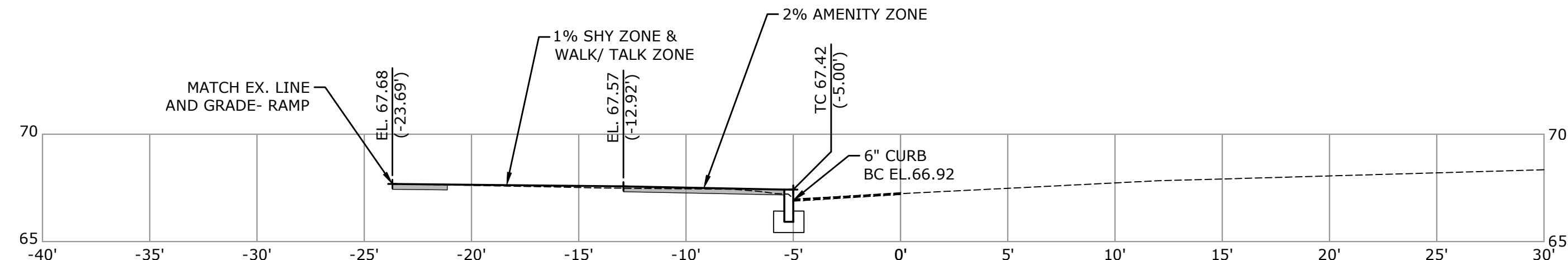
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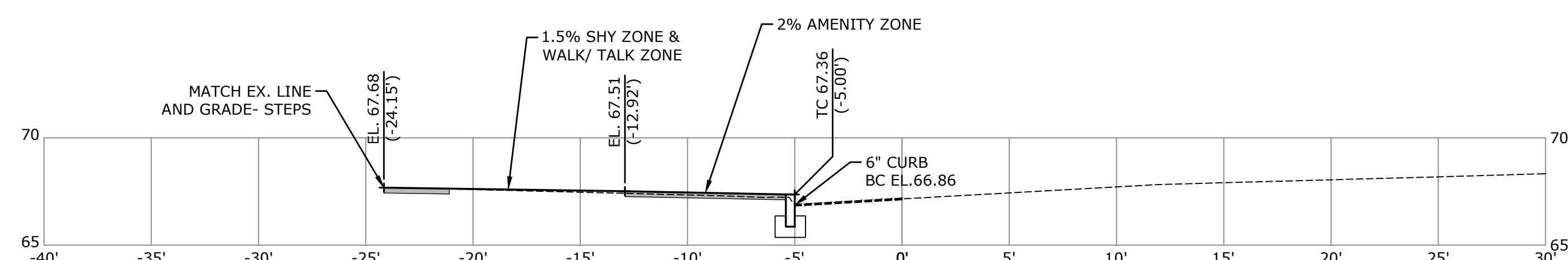
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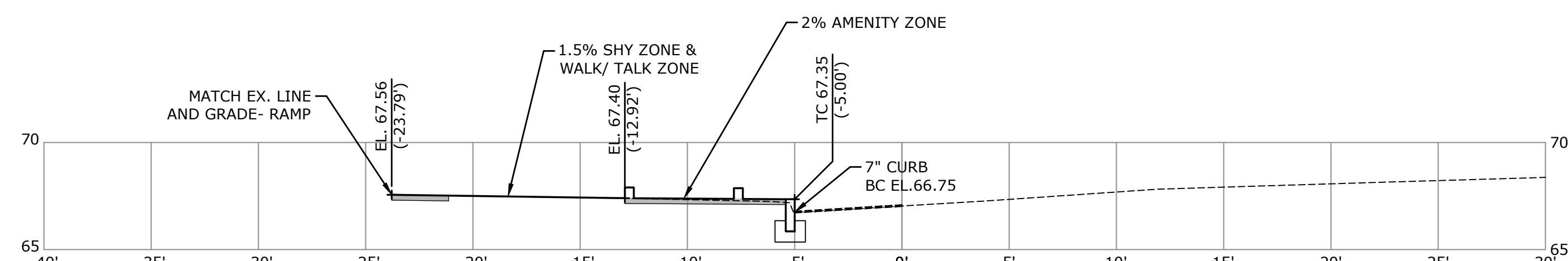
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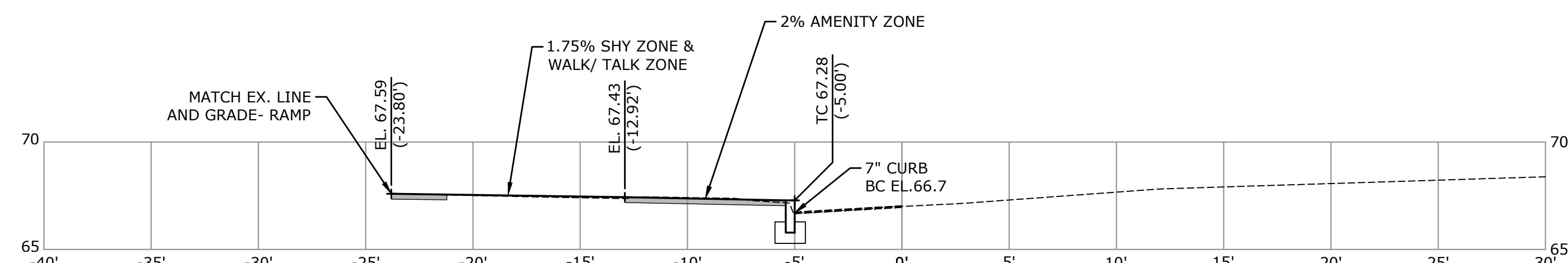
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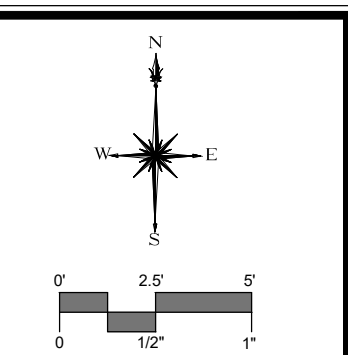
110+62



110+38



110+30



DESCRIPTION	DATE	BY

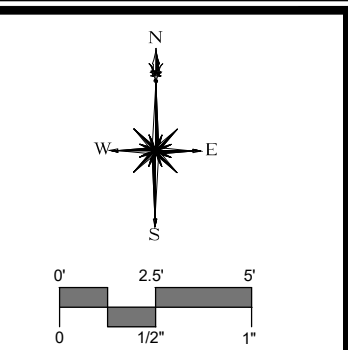
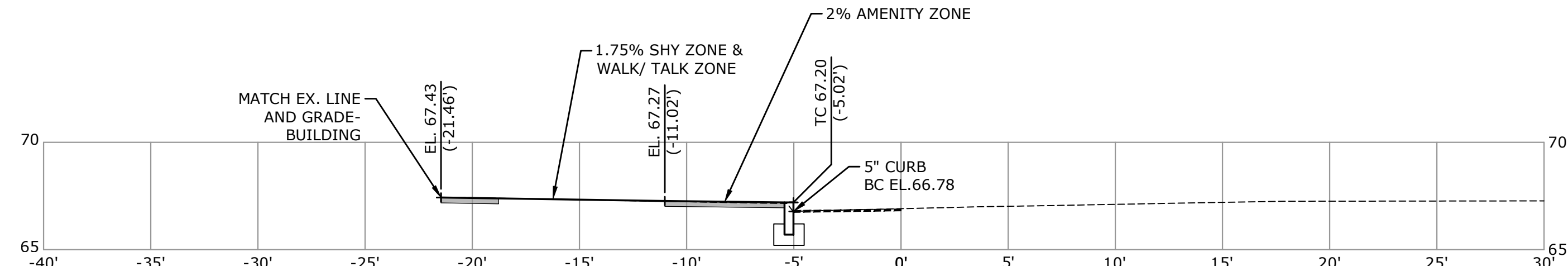
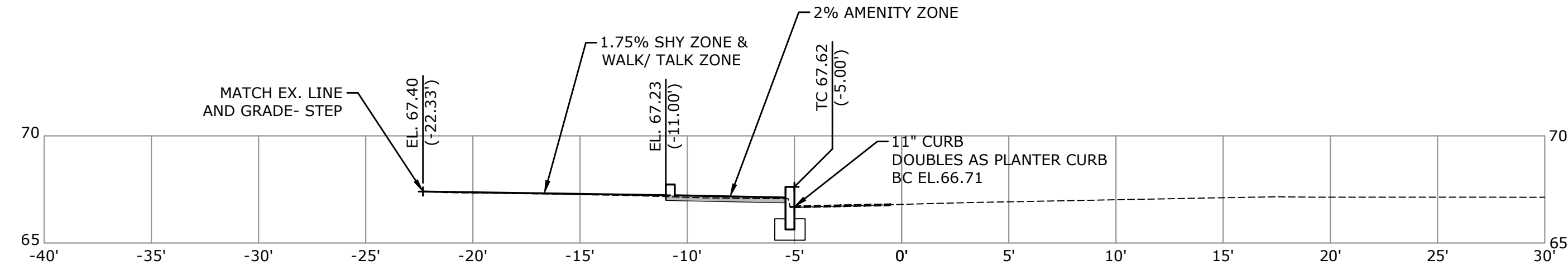
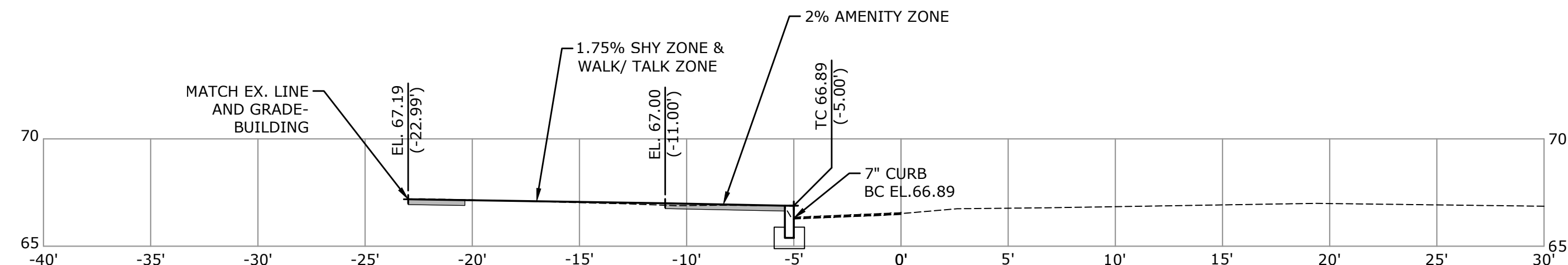
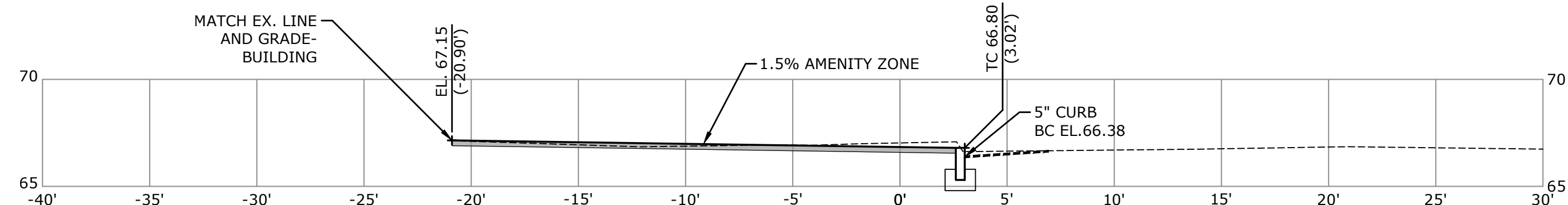
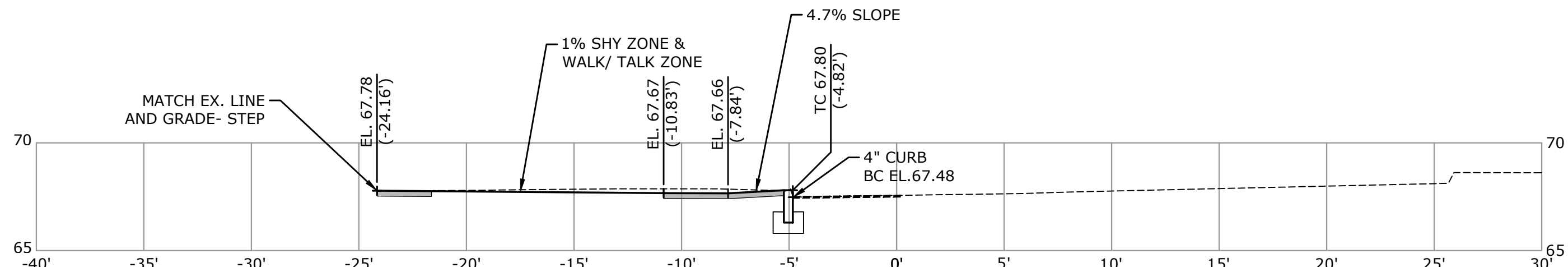
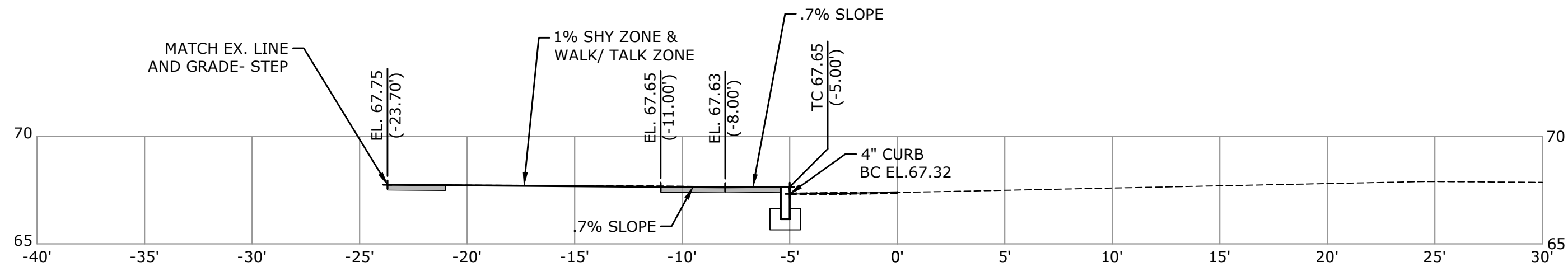
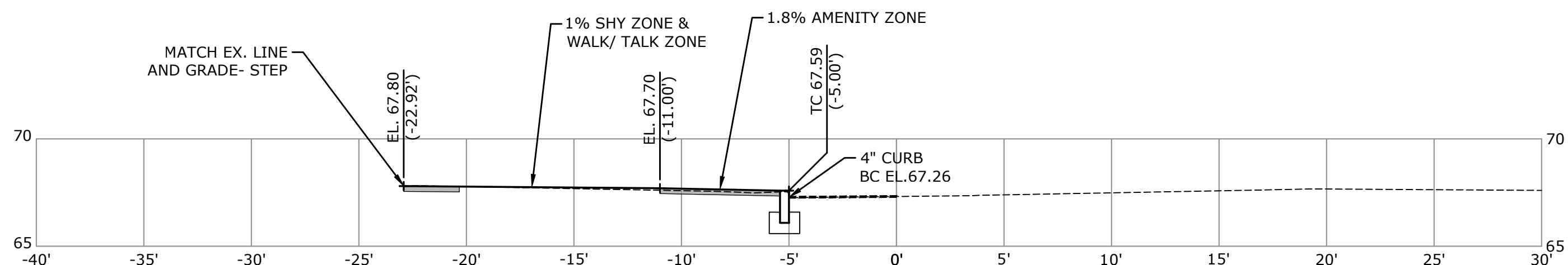
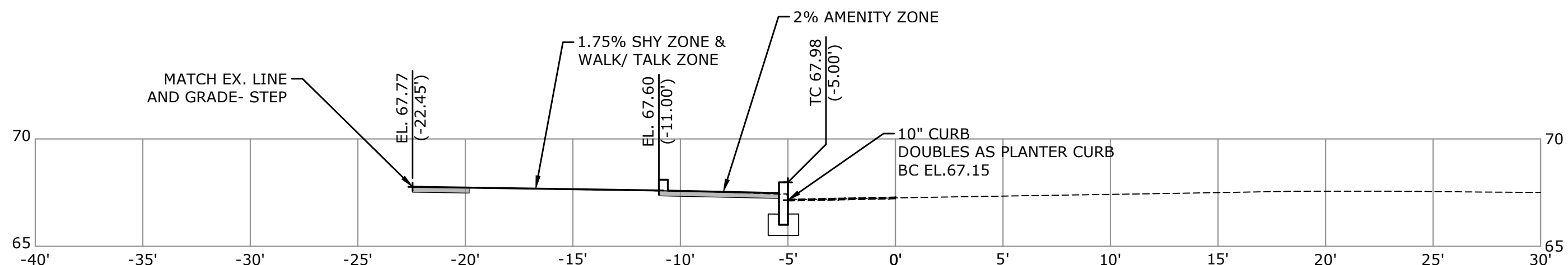
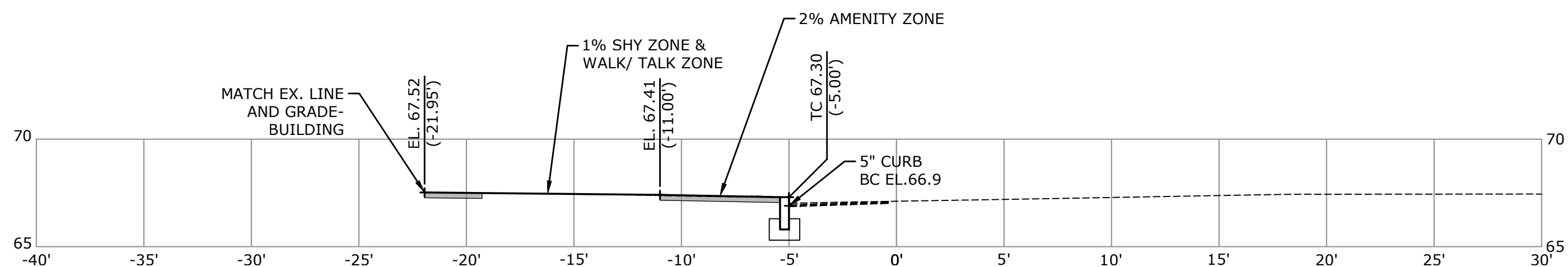
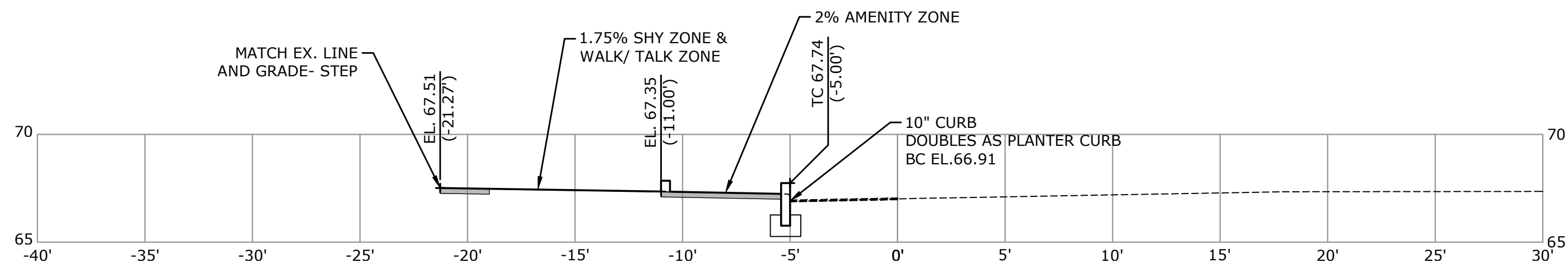
CROSS SECTIONS- WEST
DOWNTOWN STREETSCAPE
ENHANCEMENT PROJECT
MAINE STREET
BRUNSWICK, MAINE

JJM	JJM	DWD
DESIGNED	DRAWN	CHECKED
1"=5'		
AUGUST 30, 2023		
3516-11		
21 OF 32		

XS-04

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PROJECT: 05 - DOWNTOWN STREETSCAPE ENHANCEMENT PROJECT
DRAWING: XS-05 - CROSS SECTIONS - WEST
DATE: 08/30/2023
PROJECT LOCATION: 99 REELLY DRIVE, BRUNSWICK, MAINE 04010

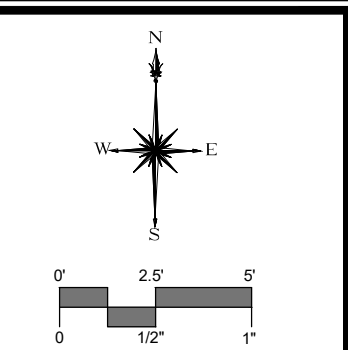
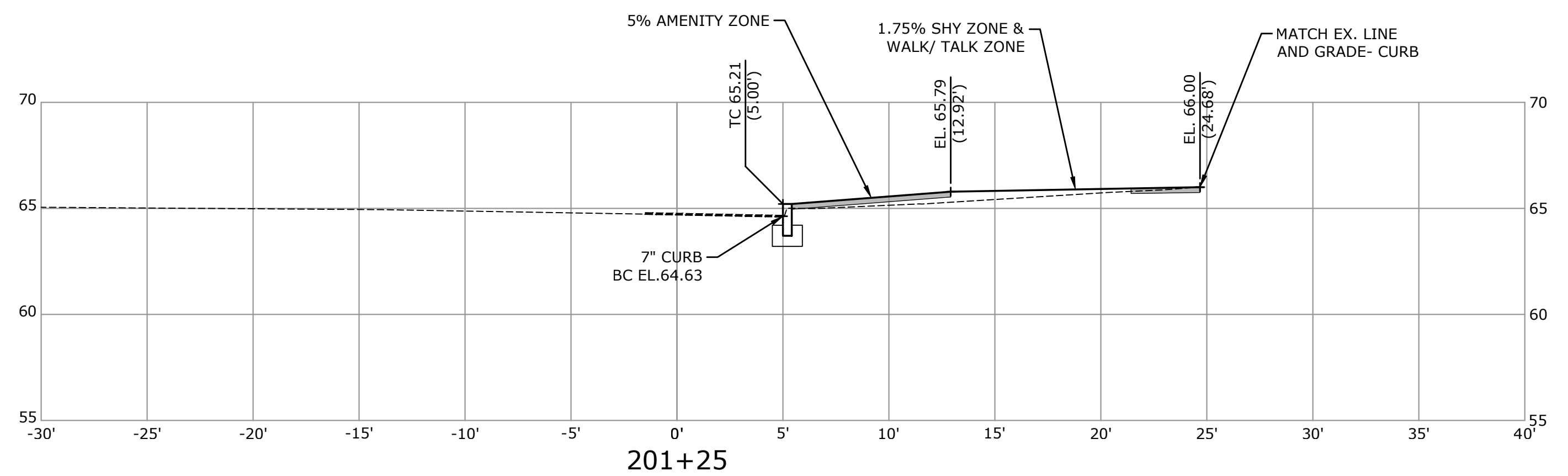
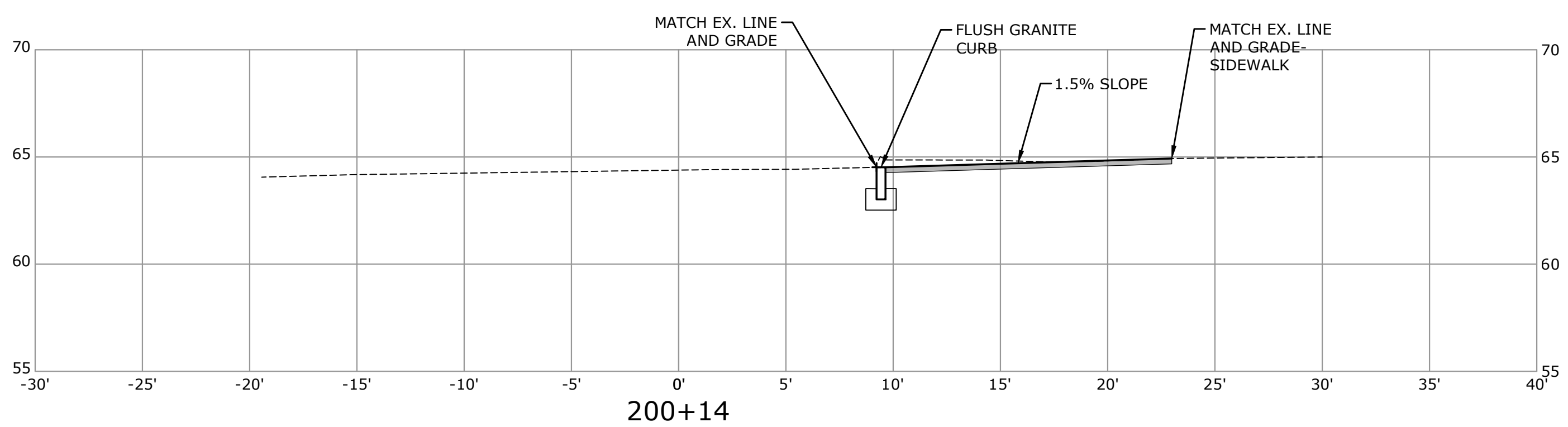
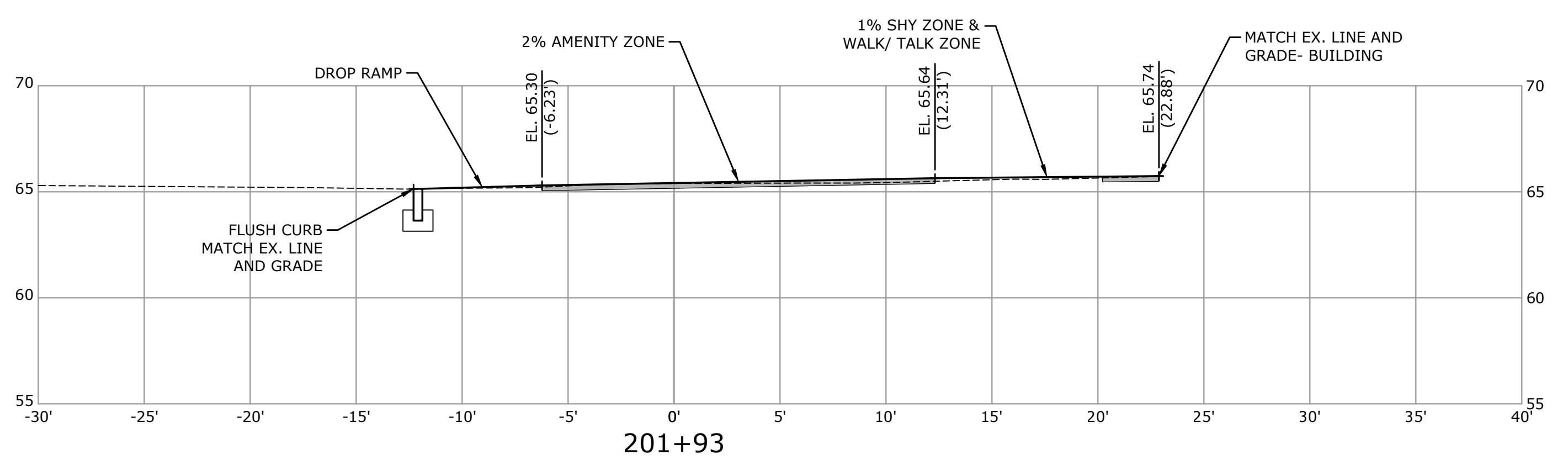
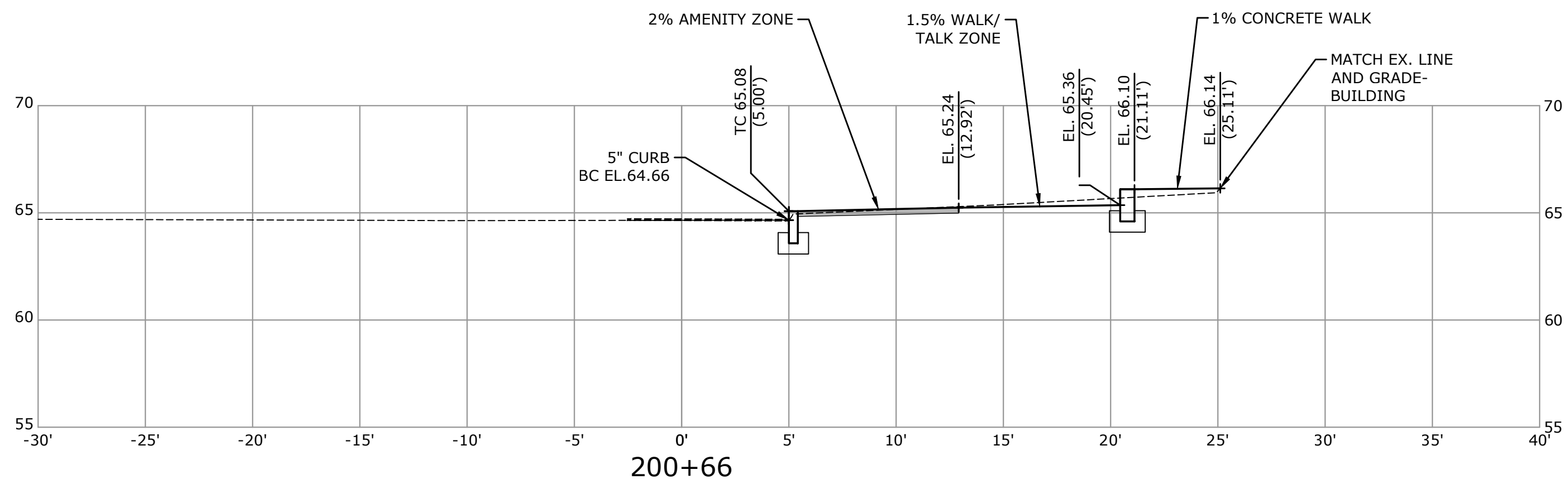
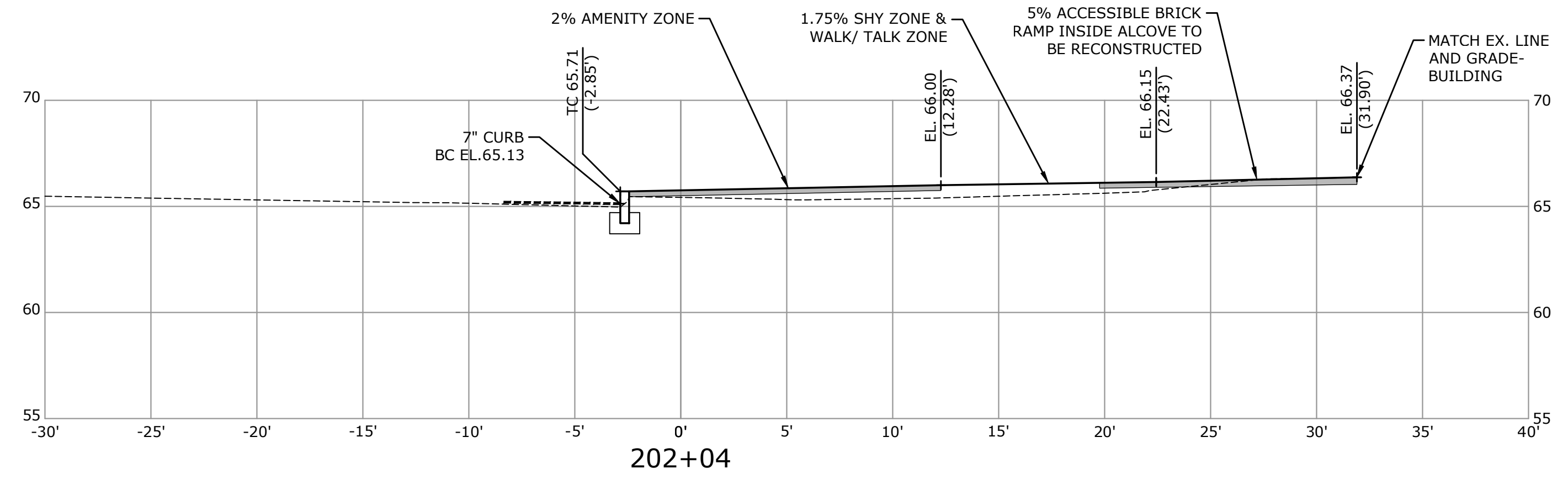
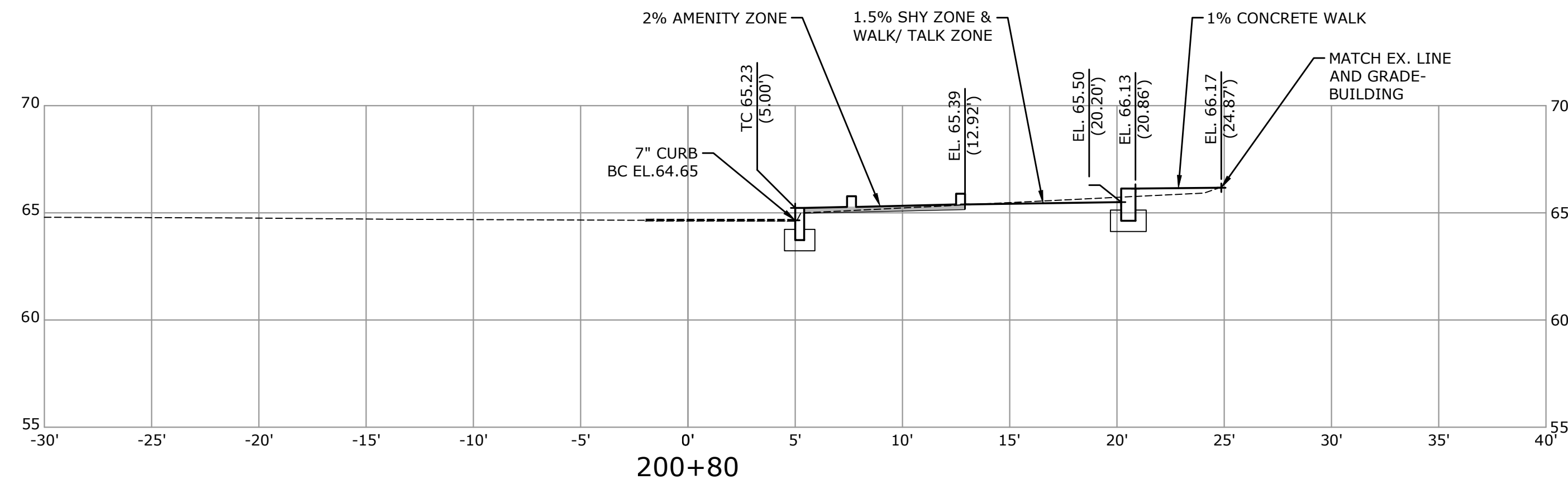
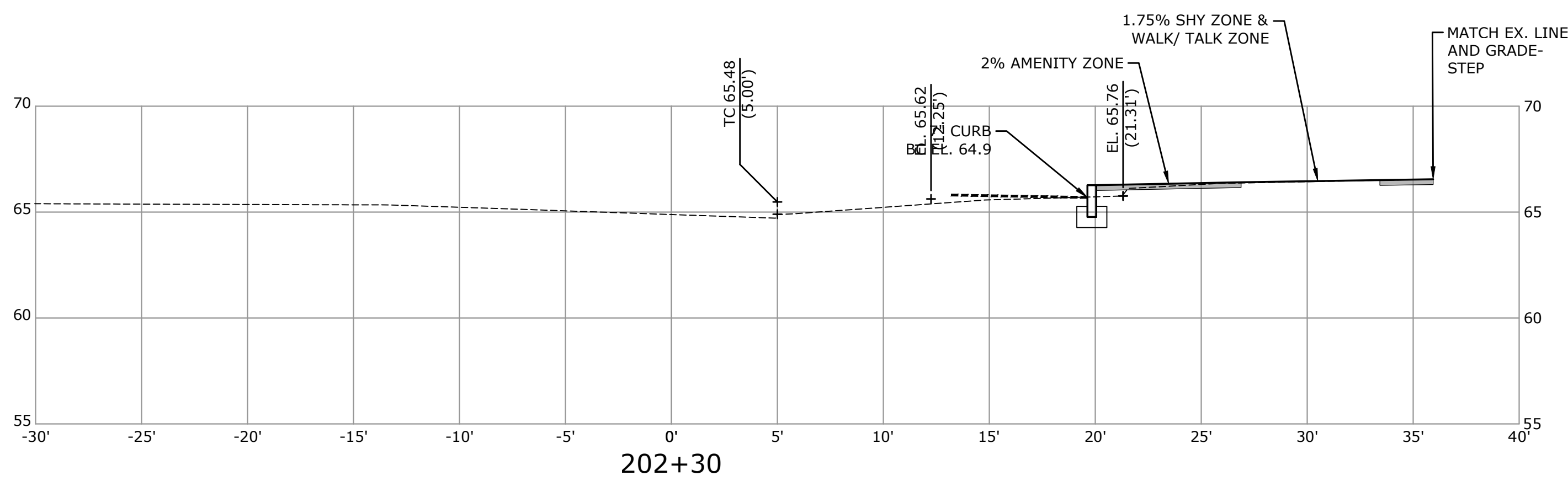
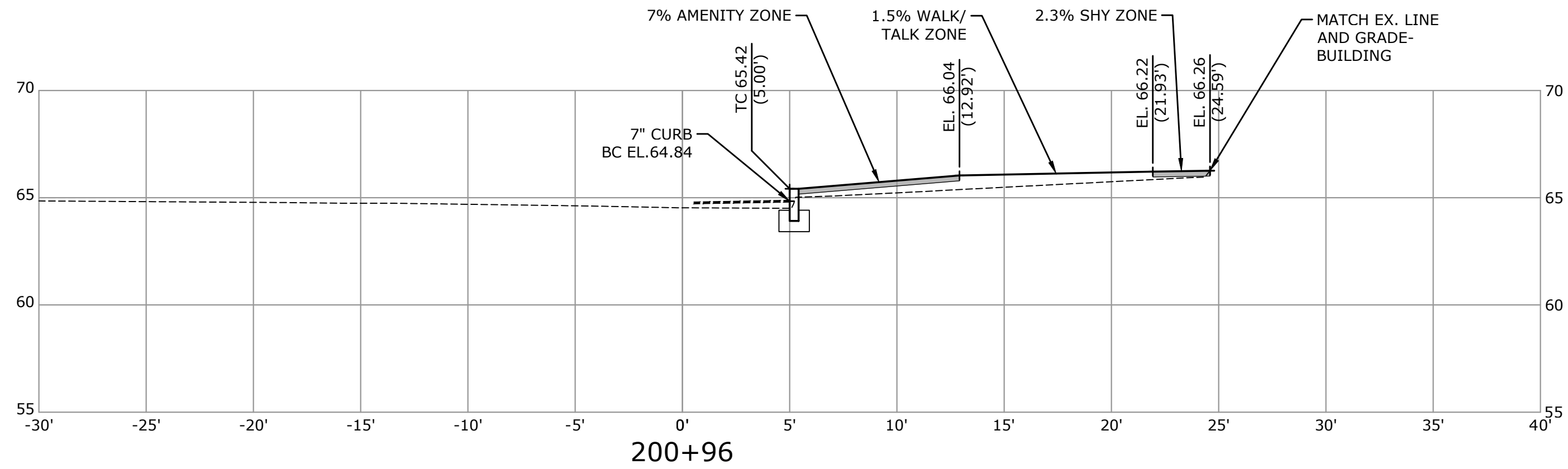


DESCRIPTION	DATE	BY

CROSS SECTIONS- WEST
DOWNTOWN STREETSCAPE
ENHANCEMENT PROJECT
MAINE STREET
BRUNSWICK, MAINE

JJM	JJM	DWD
DESIGNED	DRAWN	CHECKED
SCALE: 1"=5'		
DATE: AUGUST 30, 2023		
PROJECT NO.: 3516-11		
DRAWING NO.: 22 OF 32		
SHEET NO.: XS-05		

NOTES: 1. SEE ATTACHED SHEET FOR THE 10' - 10' DISTANCE TO THE ADJACENT PROPERTY LINE.
2. SEE ATTACHED SHEET FOR THE 10' - 10' DISTANCE TO THE ADJACENT PROPERTY LINE.

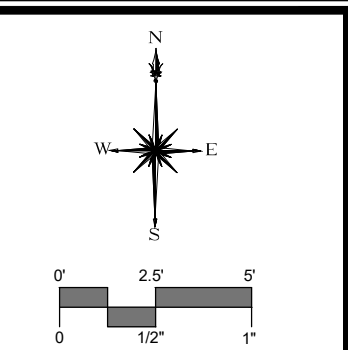
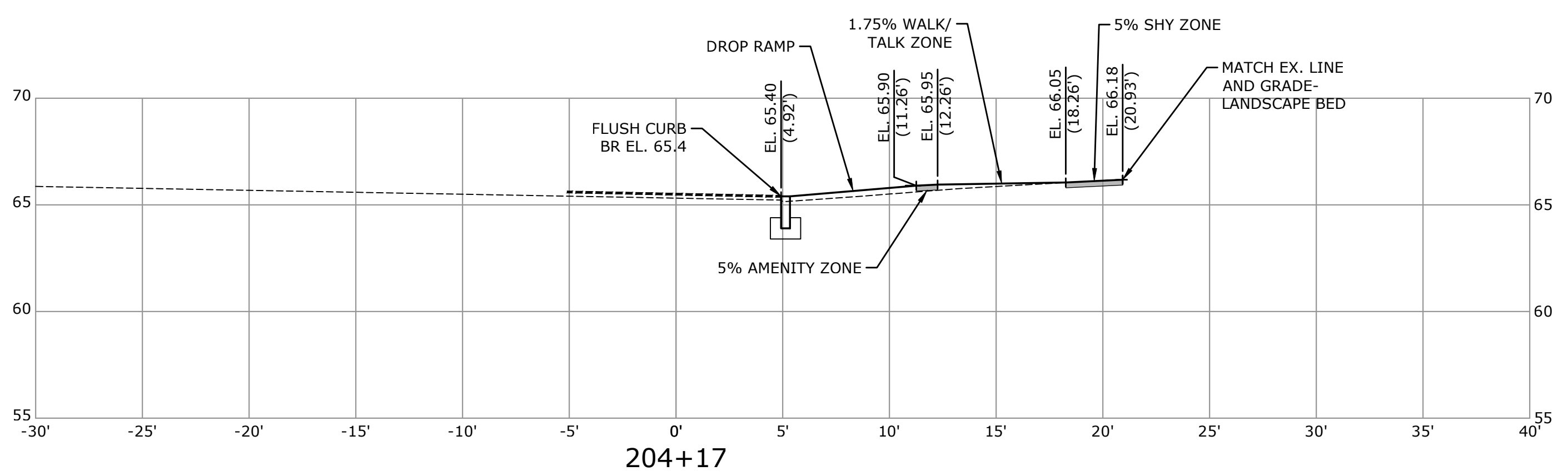
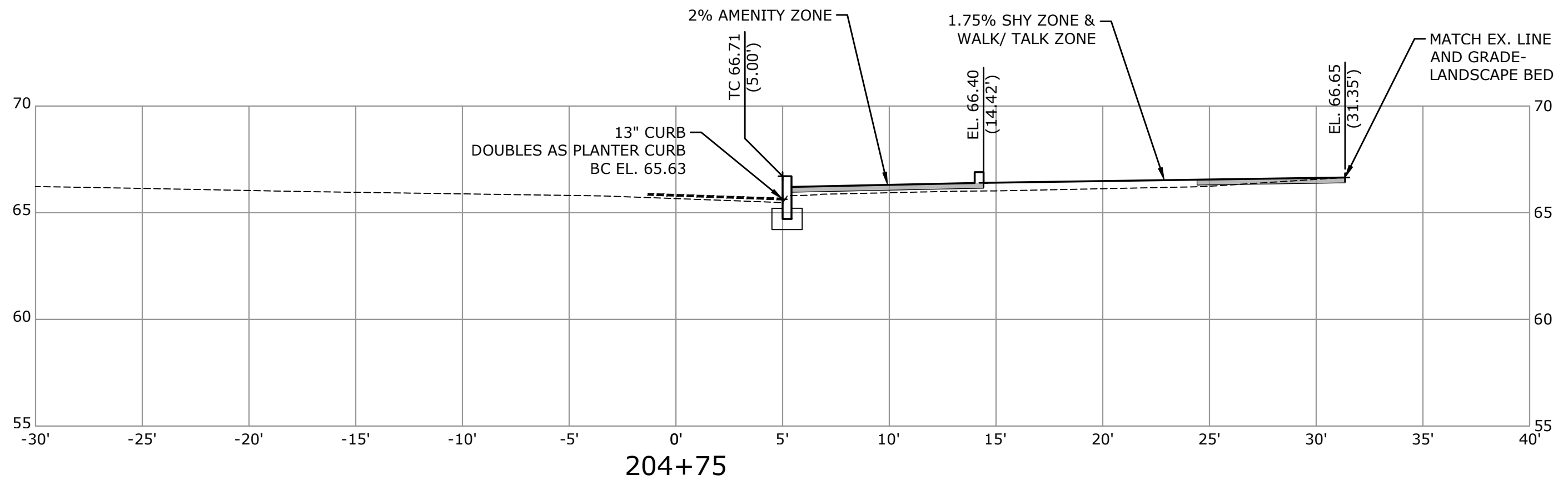
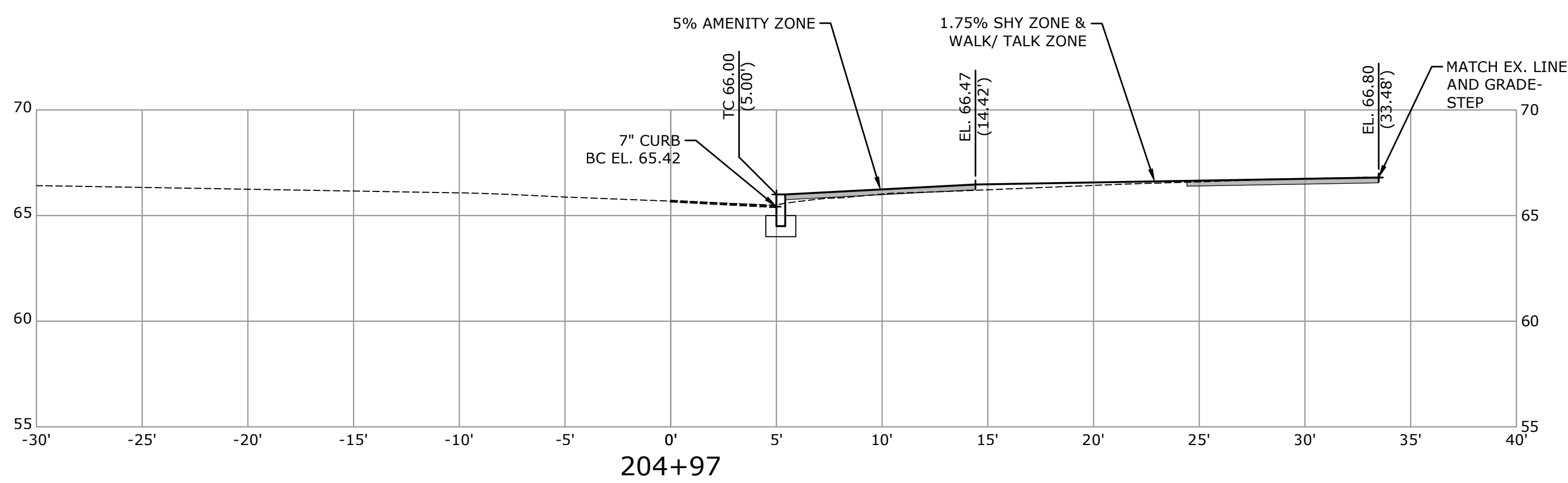
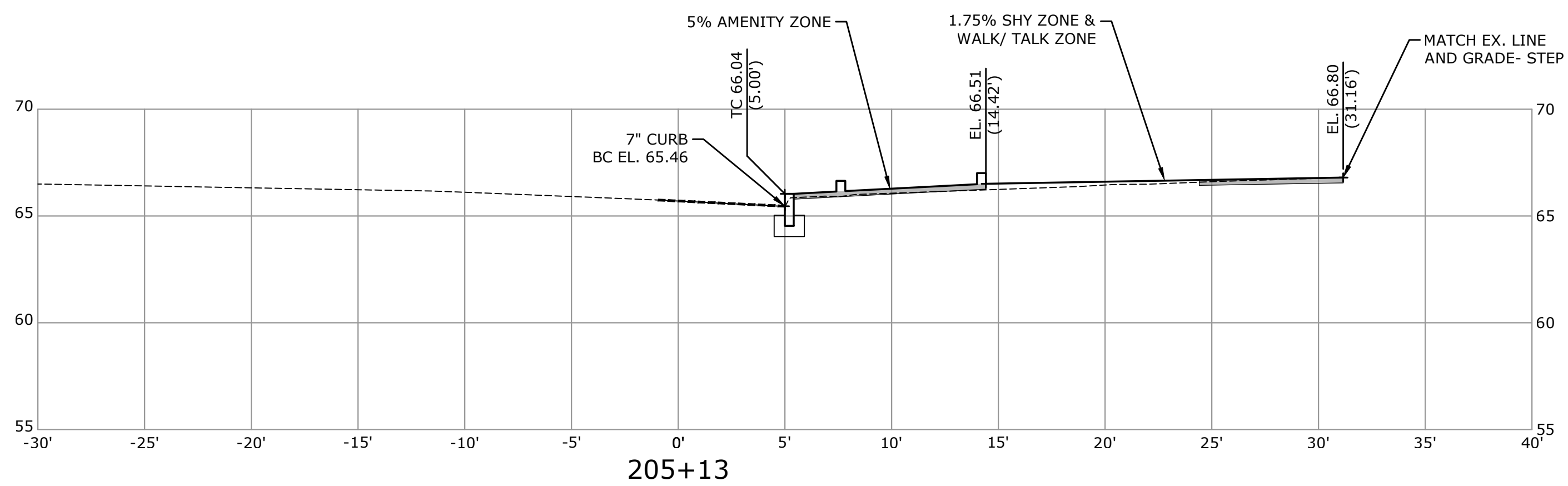
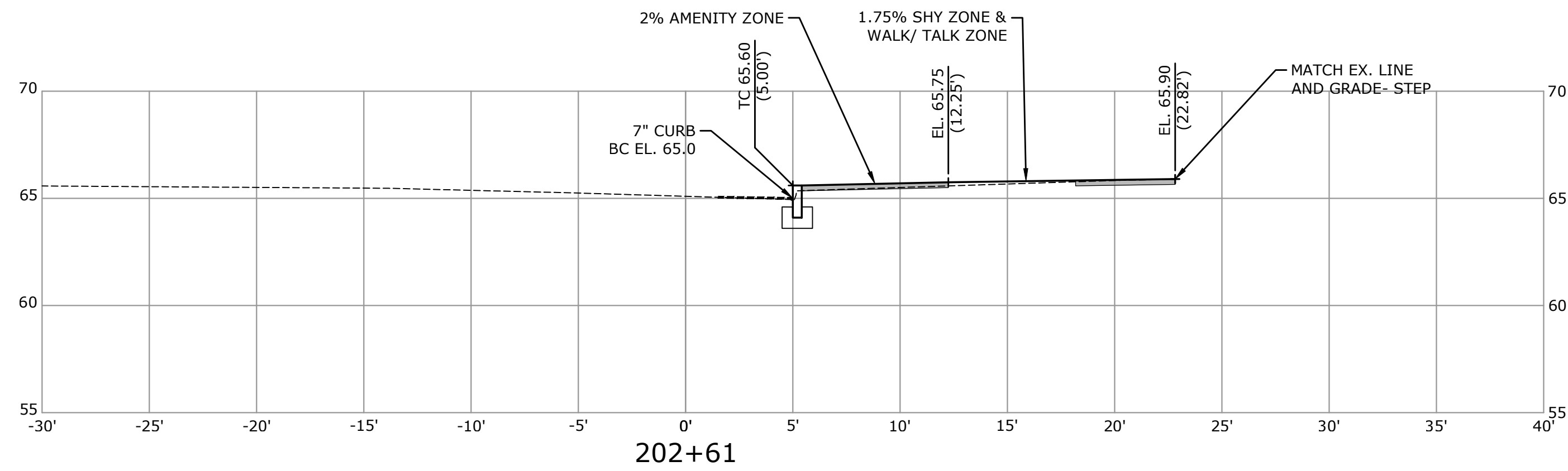
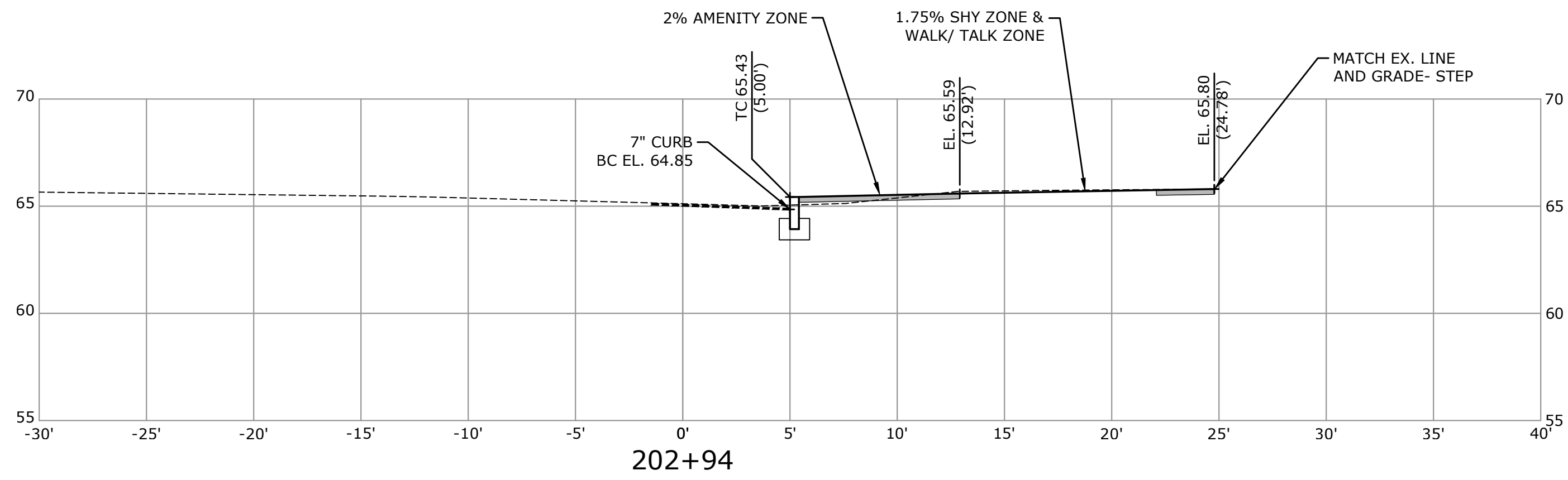
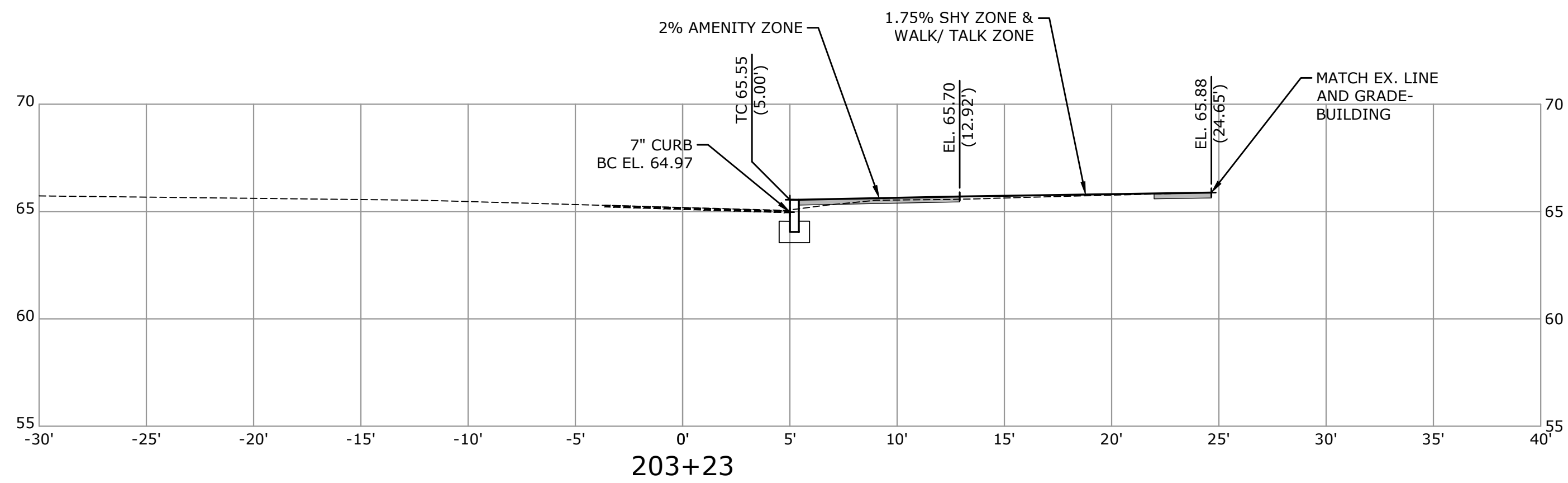
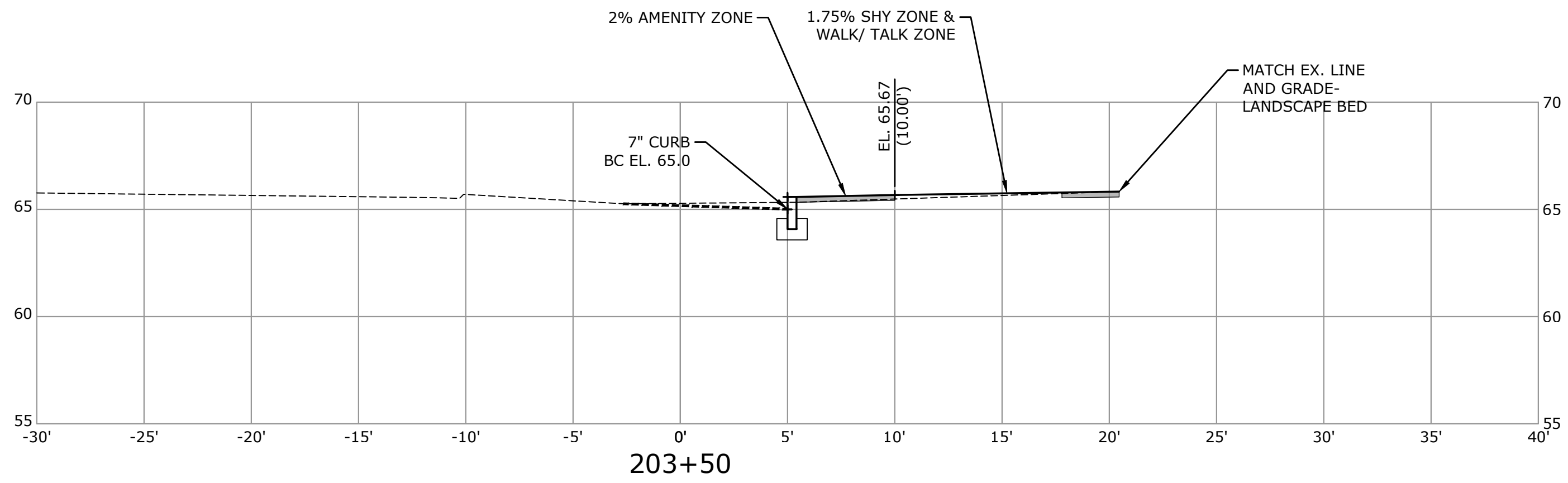


DESCRIPTION	DATE	BY

CROSS SECTIONS- EAST
DOWNTOWN STREETSCAPE
ENHANCEMENT PROJECT
MAINE STREET
BRUNSWICK, MAINE

JJM	JJM	DWD
DESIGNED	DRAWN	CHECKED
1"=5'		
AUGUST 30, 2023		
3516-11		
23 OF 32		
XS-06		

NOTES: 1. SEE ATTACHED ESD, T&E, AND T&E TO UNDERSTAND ALL NOTES.
2. SEE ATTACHED ESD, T&E, AND T&E TO UNDERSTAND ALL NOTES.



DESCRIPTION	DATE	BY

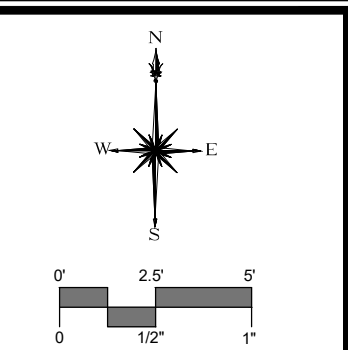
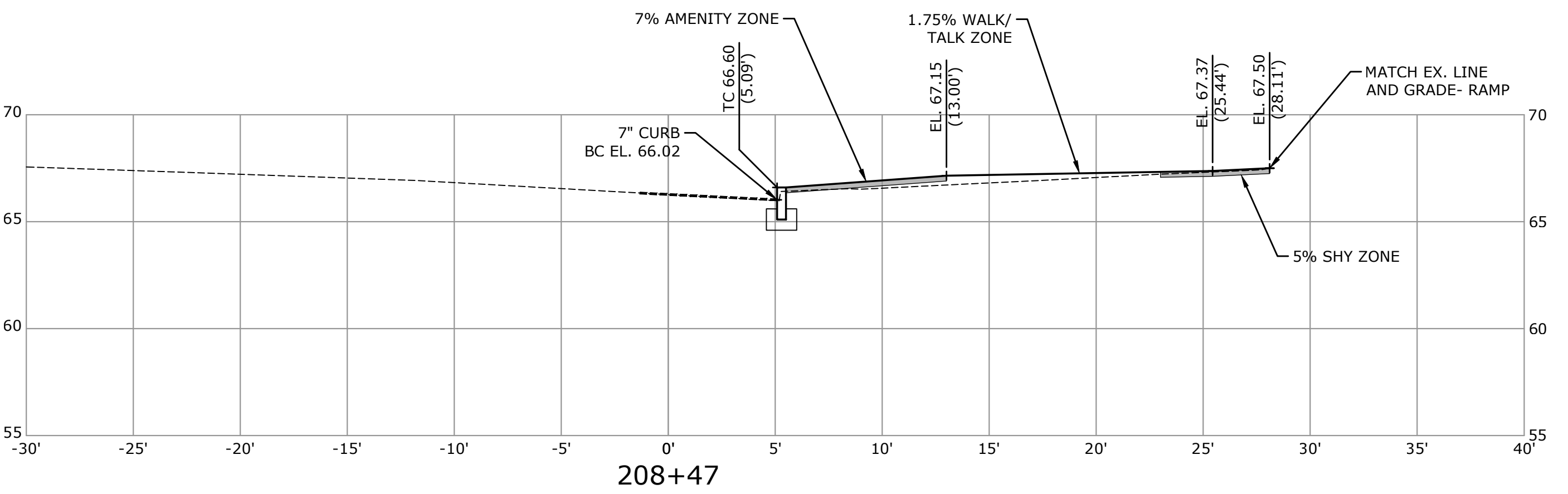
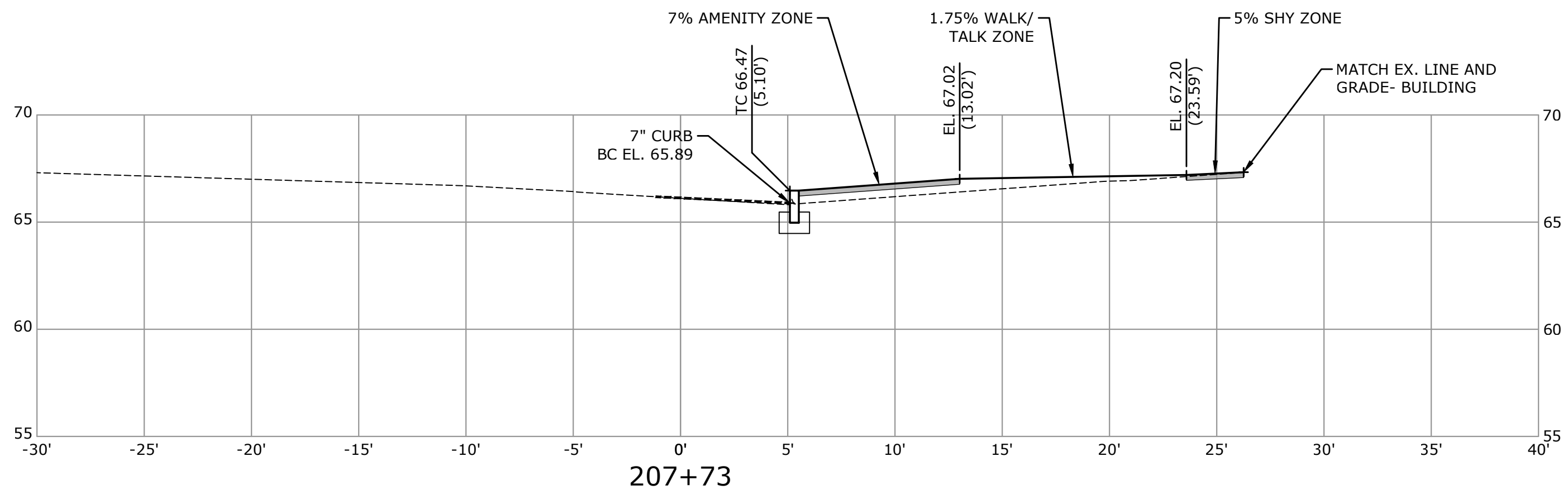
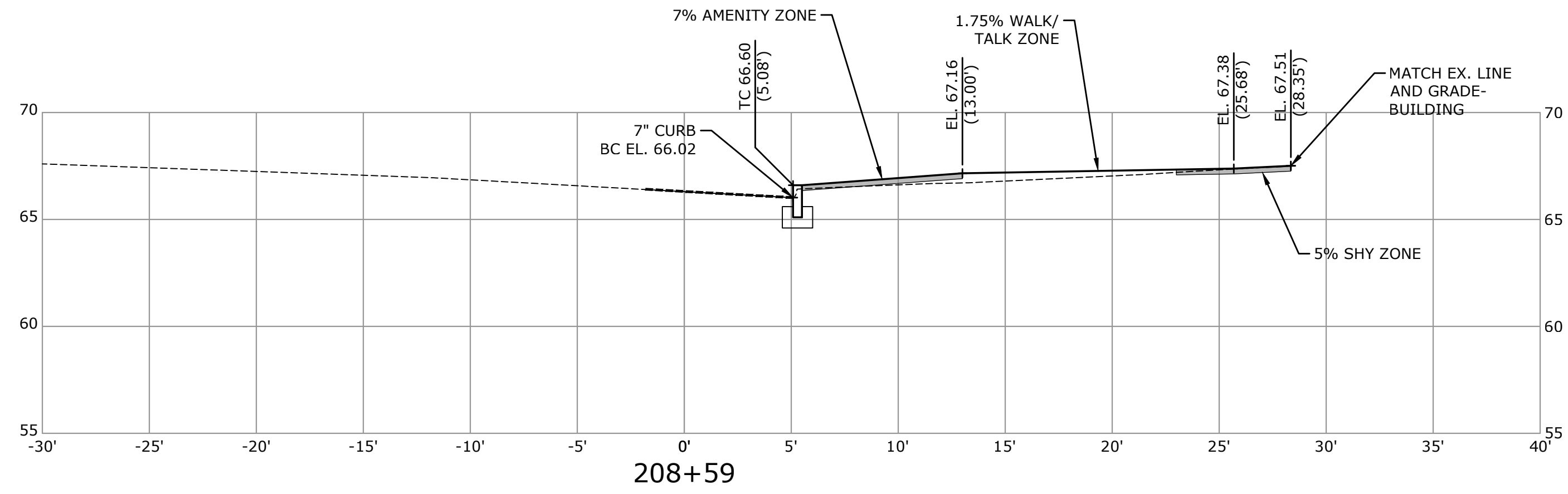
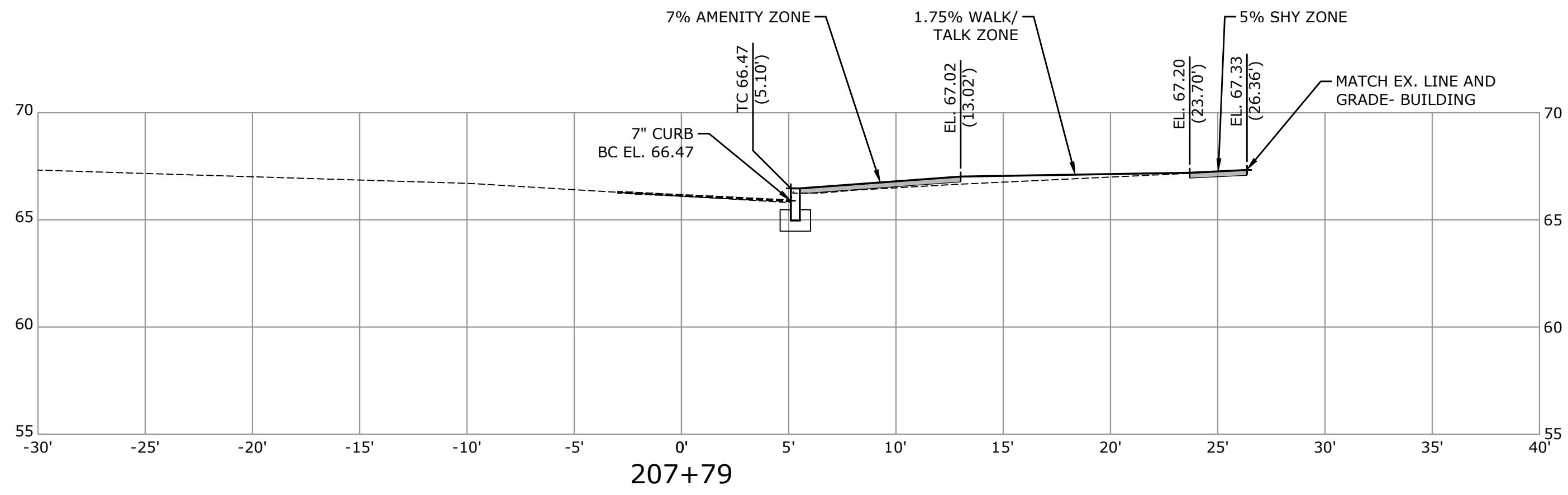
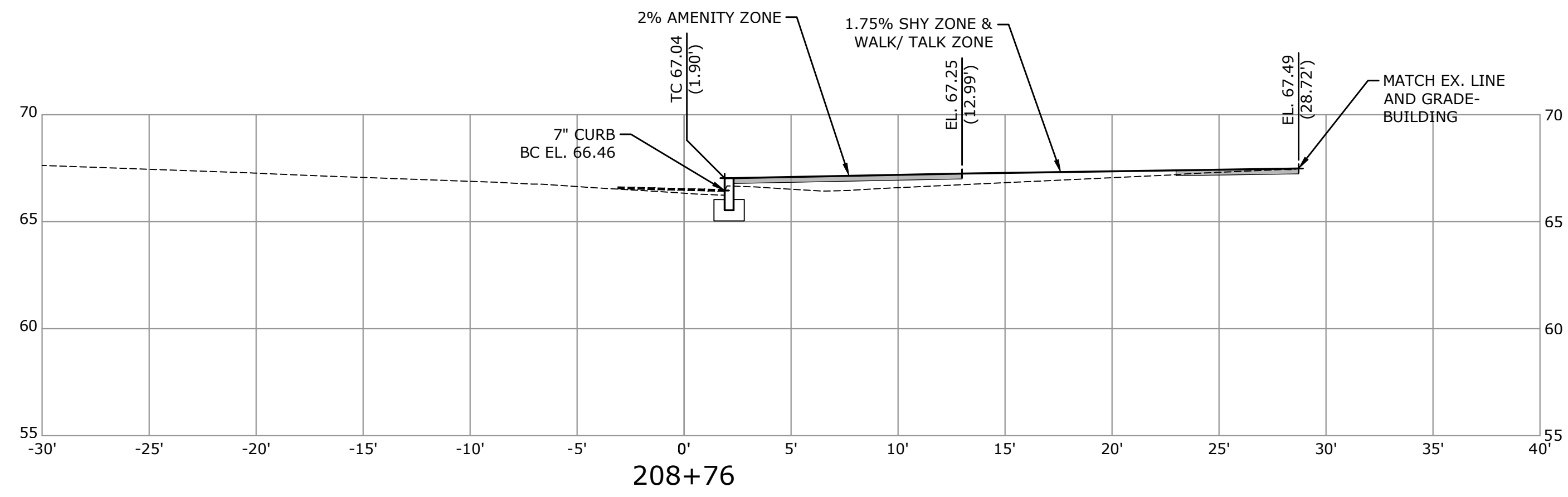
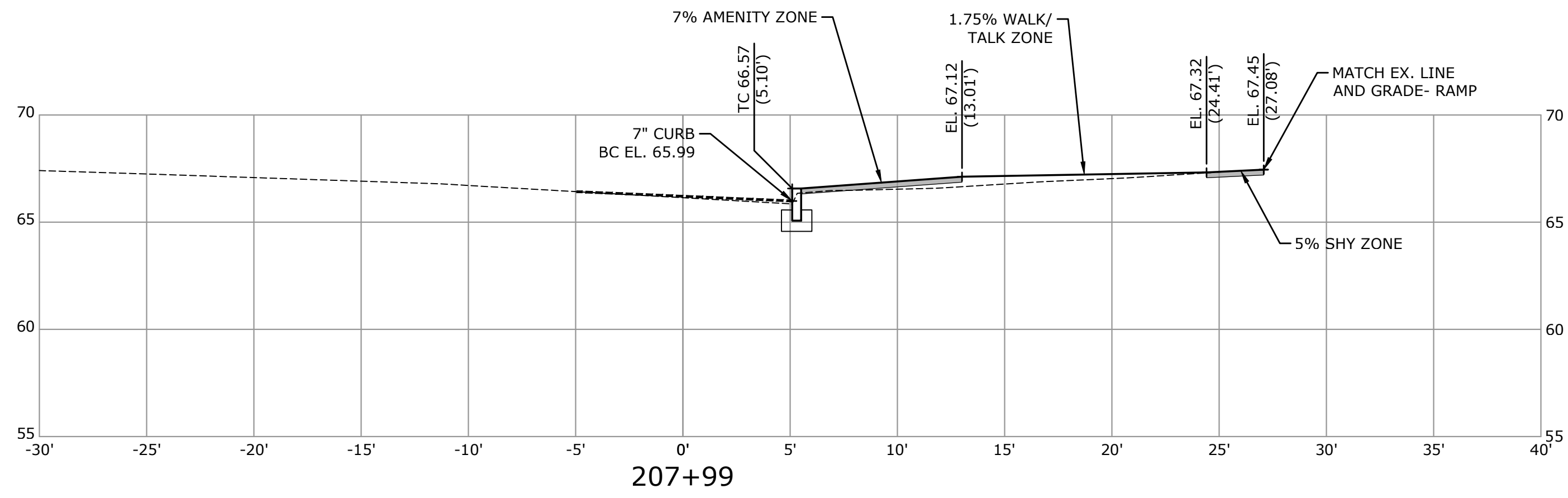
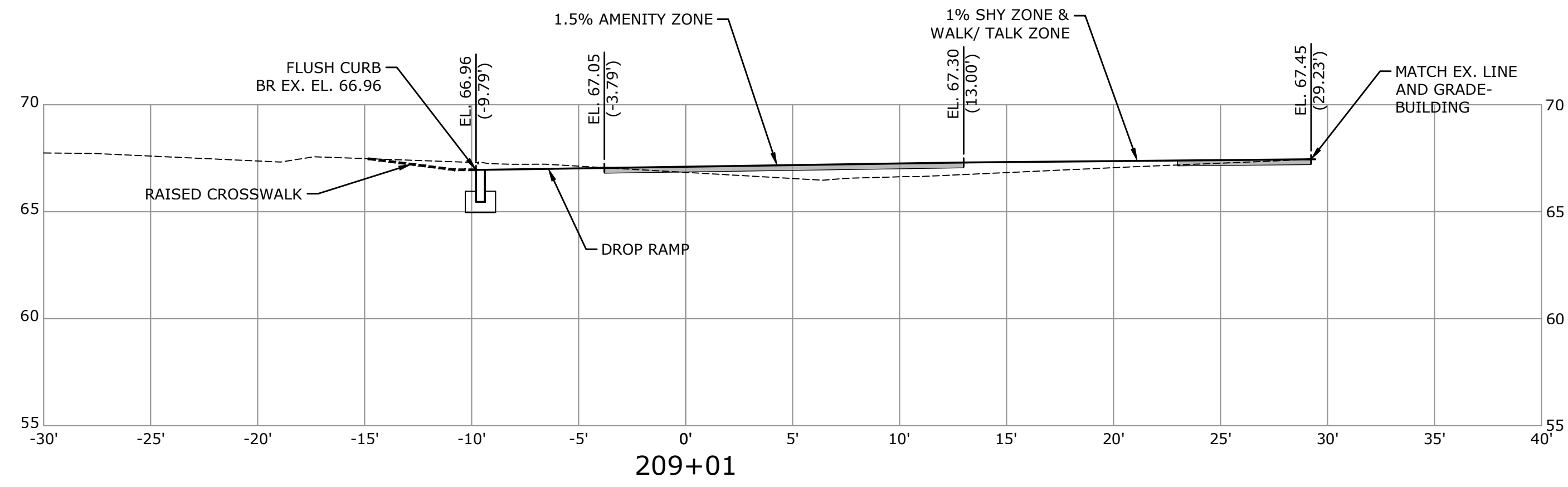
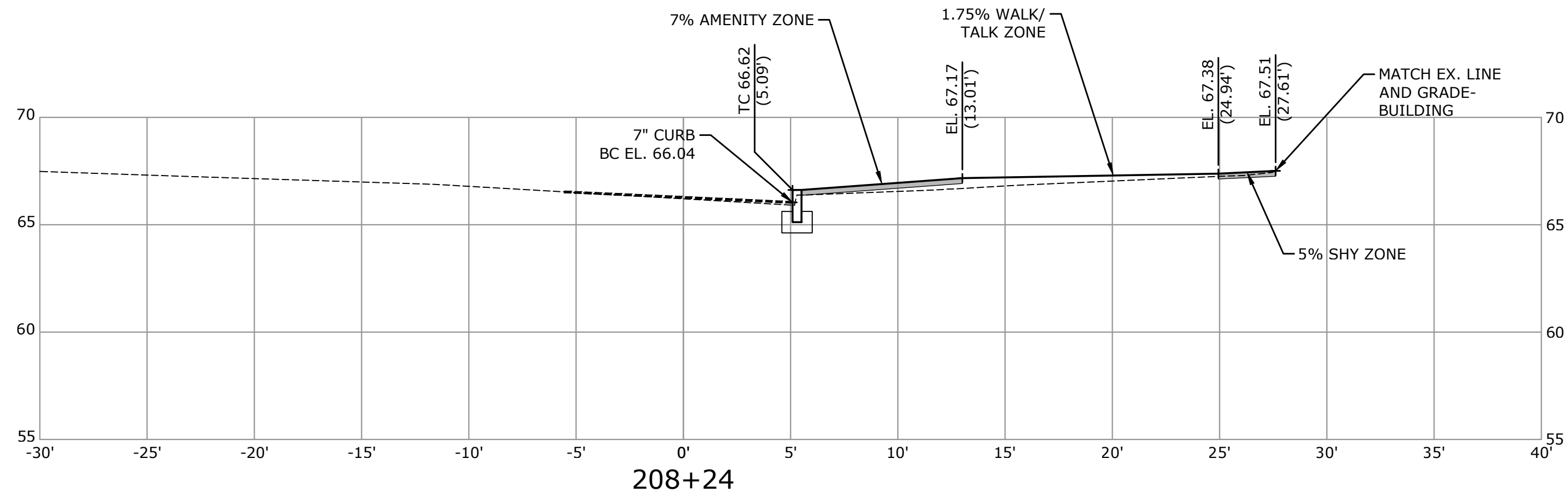
CROSS SECTIONS- EAST

DOWNTOWN STREETSCAPE
ENHANCEMENT PROJECT

MAINE STREET
BRUNSWICK, MAINE

JJM	JJM	DWD
DESIGNED	DRAWN	CHECKED
1"=5'		
AUGUST 30, 2023		
DATE		
3516-11		
PROJECT NO.		
24 OF 32		
DRAWING NO.		
XS-07		
SHEET NO.		

NOTES: 1. SEE ATTACHED SITE PLAN FOR THE LOCATION OF THE DRAINAGE STRUCTURES.
2. SEE ATTACHED SITE PLAN FOR THE LOCATION OF THE DRAINAGE STRUCTURES.

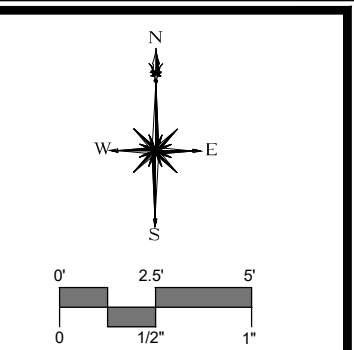
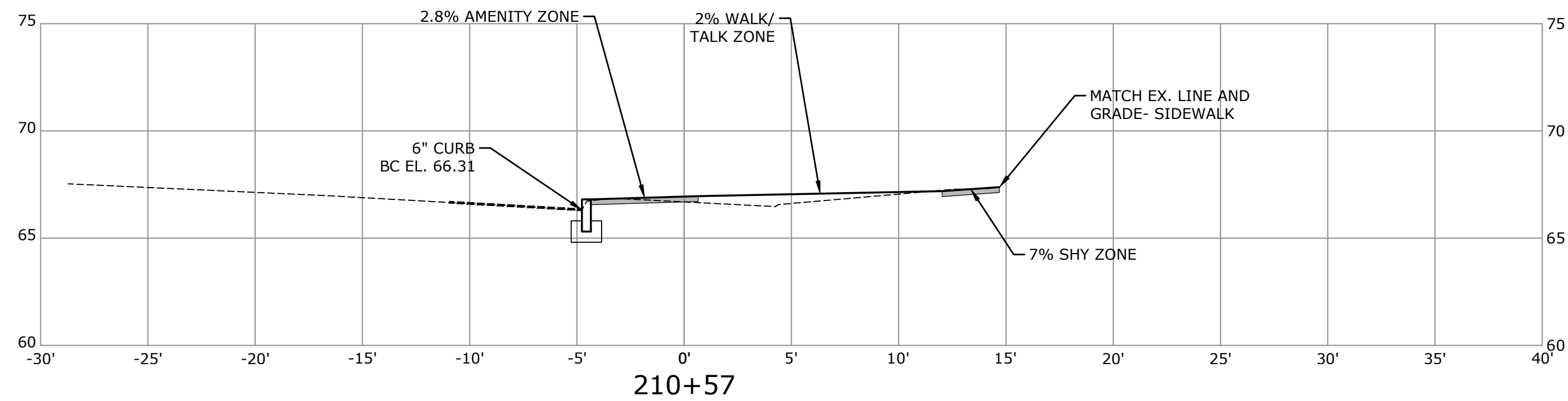
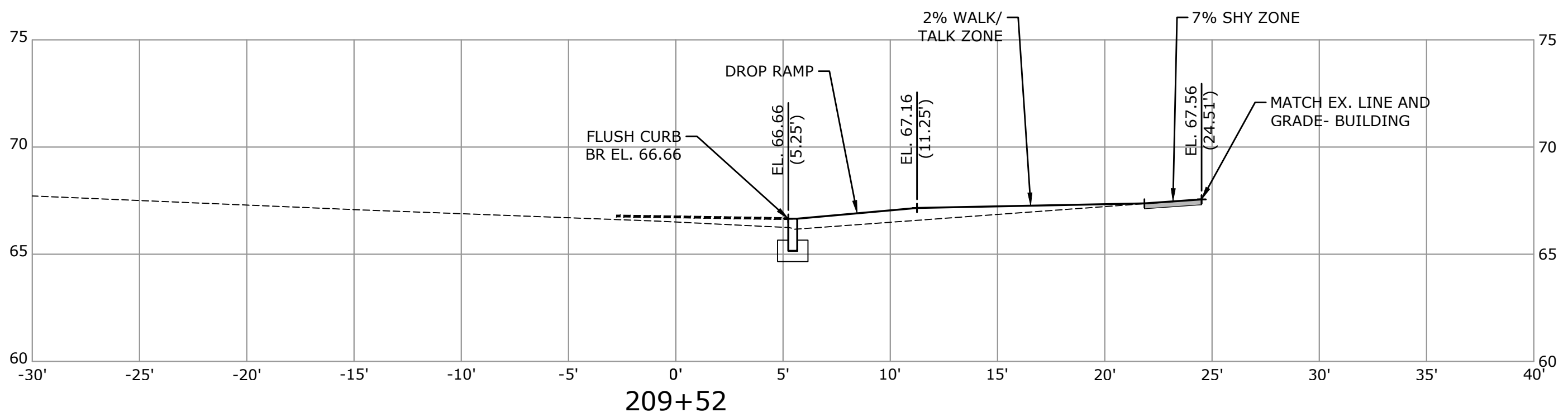
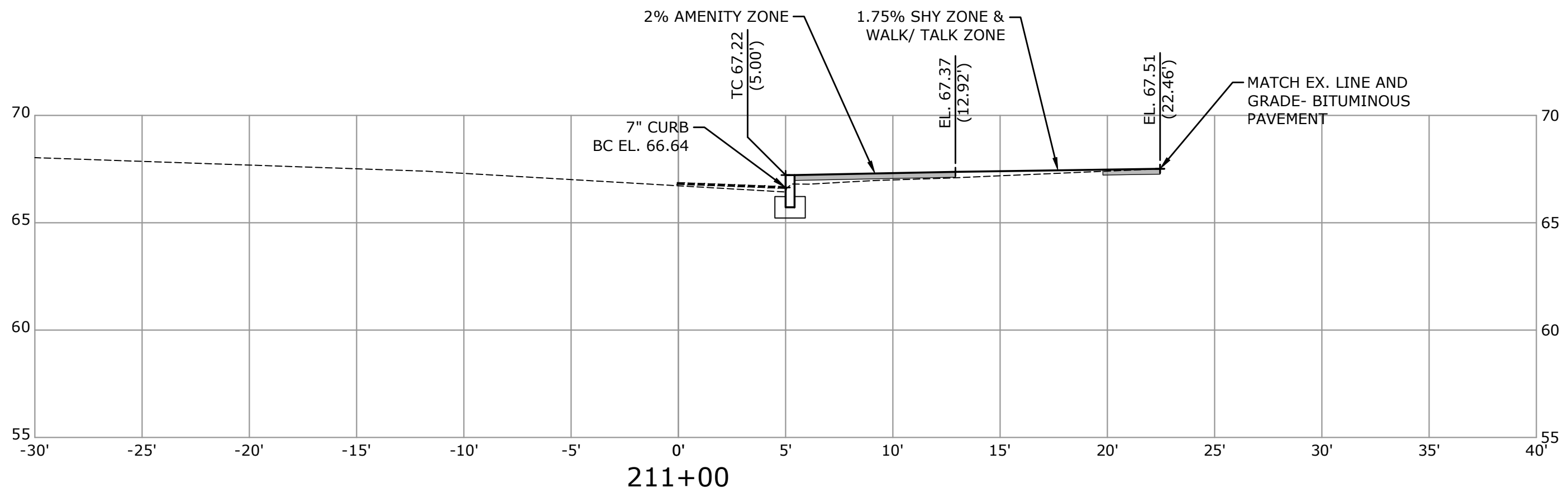
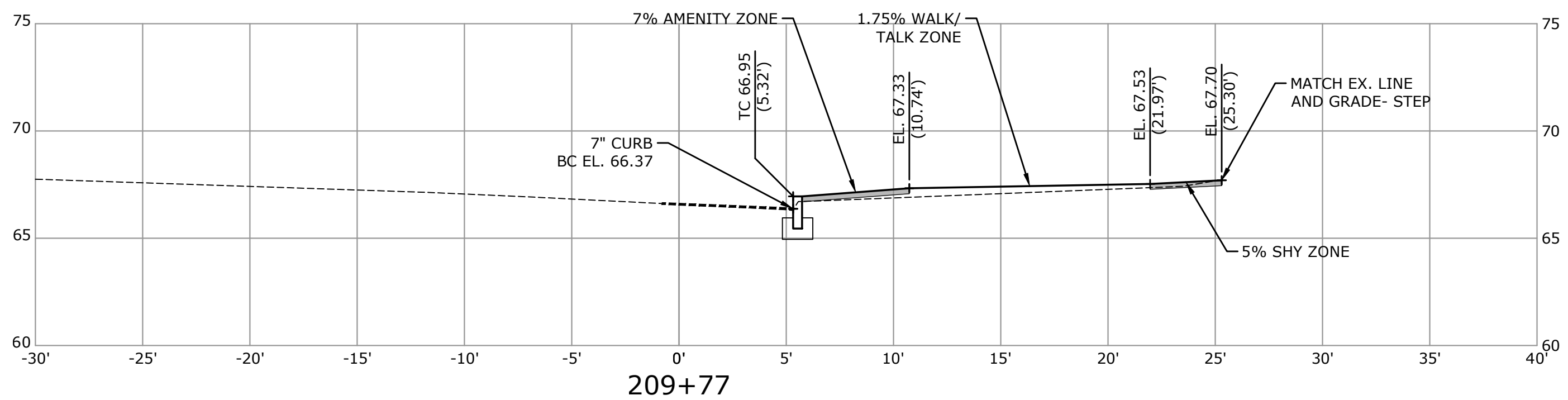
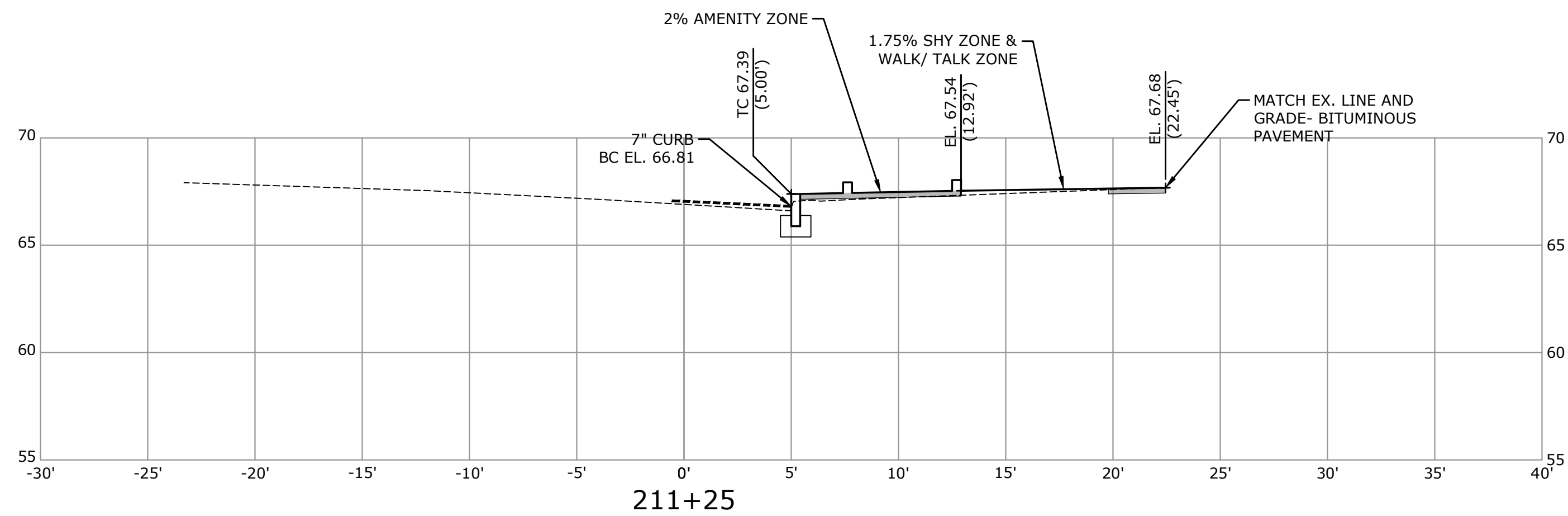
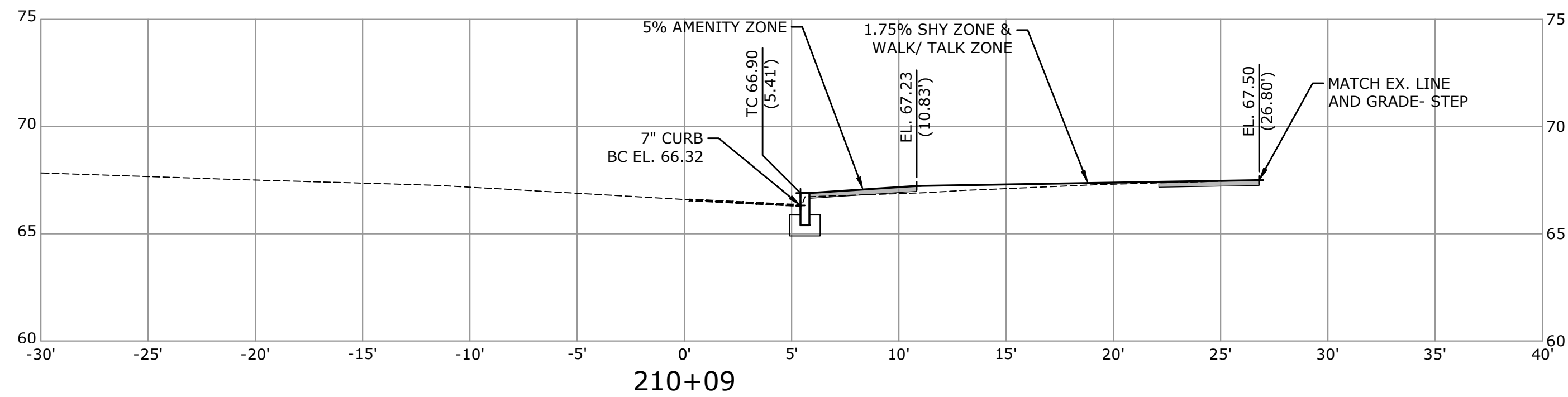
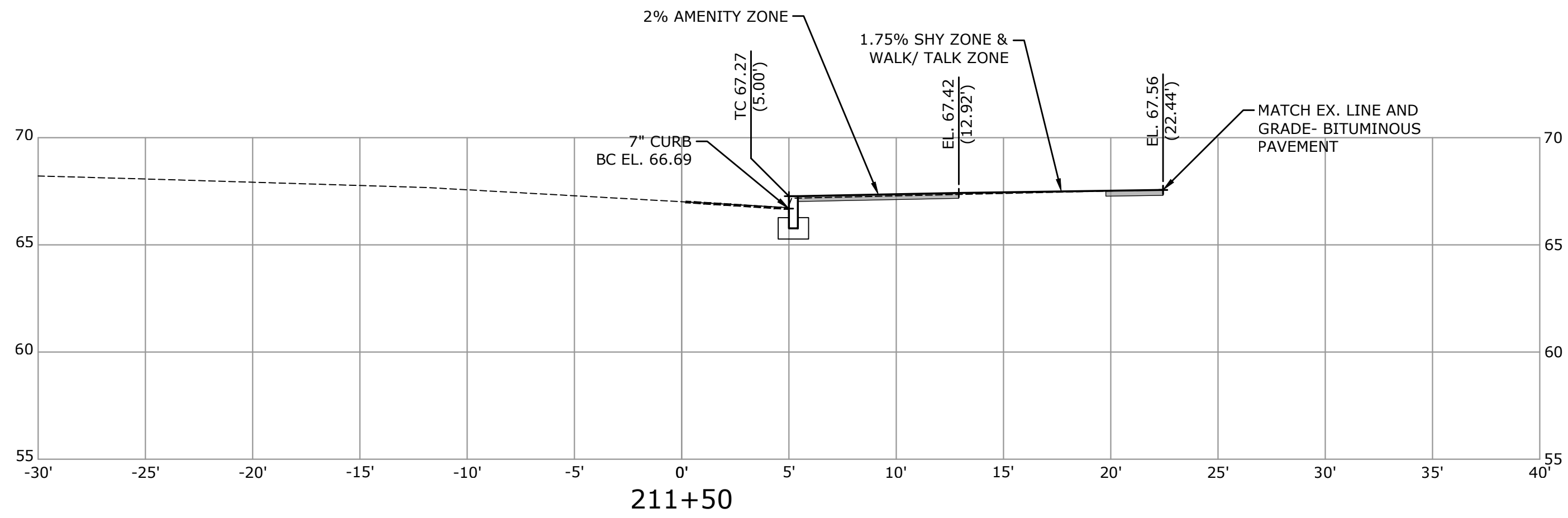
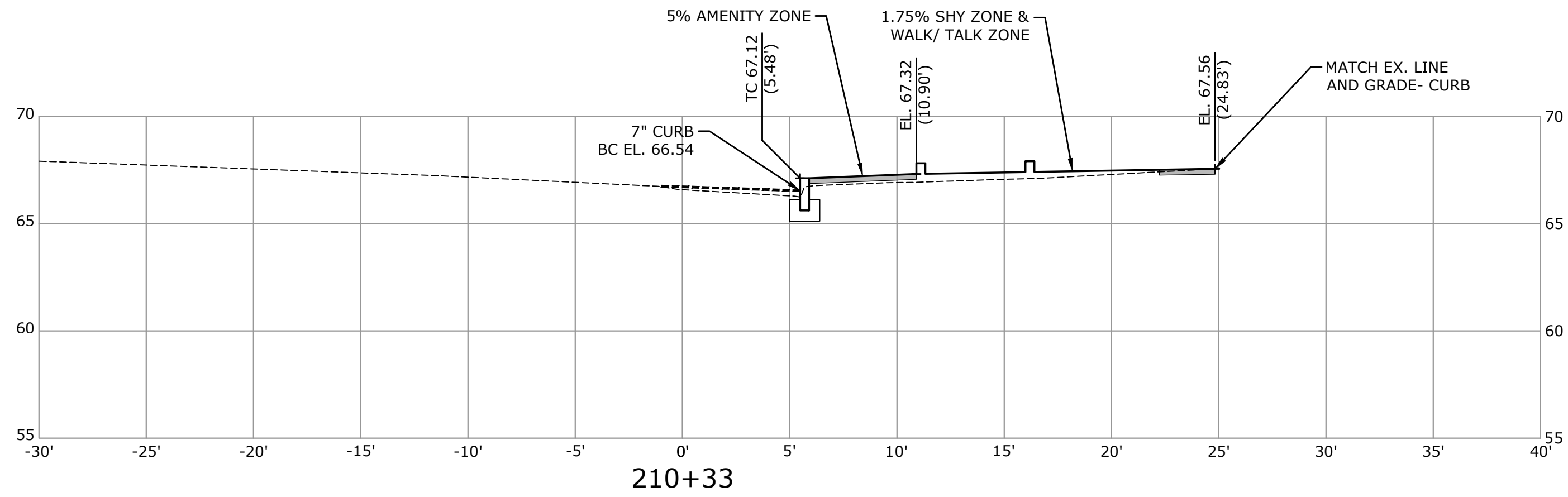


DESCRIPTION	DATE	BY

CROSS SECTIONS- EAST
DOWNTOWN STREETSCAPE
ENHANCEMENT PROJECT
MAINE STREET
BRUNSWICK, MAINE

JJM	JJM	DWD
DESIGNED	DRAWN	CHECKED
1"=5'		
AUGUST 30, 2023		
3516-11		
26 OF 32		
XS-09		

PROJECT NO. 2023-001, PROJECT NAME: DOWNTOWN STREETSCAPE ENHANCEMENT PROJECT, SHEET NO. XS-10, DATE: AUGUST 30, 2023, DRAWN BY: JMM, CHECKED BY: DWD, DESIGNED BY: JMM



DESCRIPTION	DATE	BY

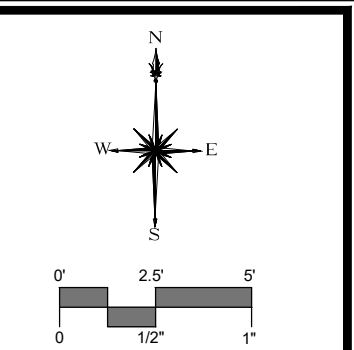
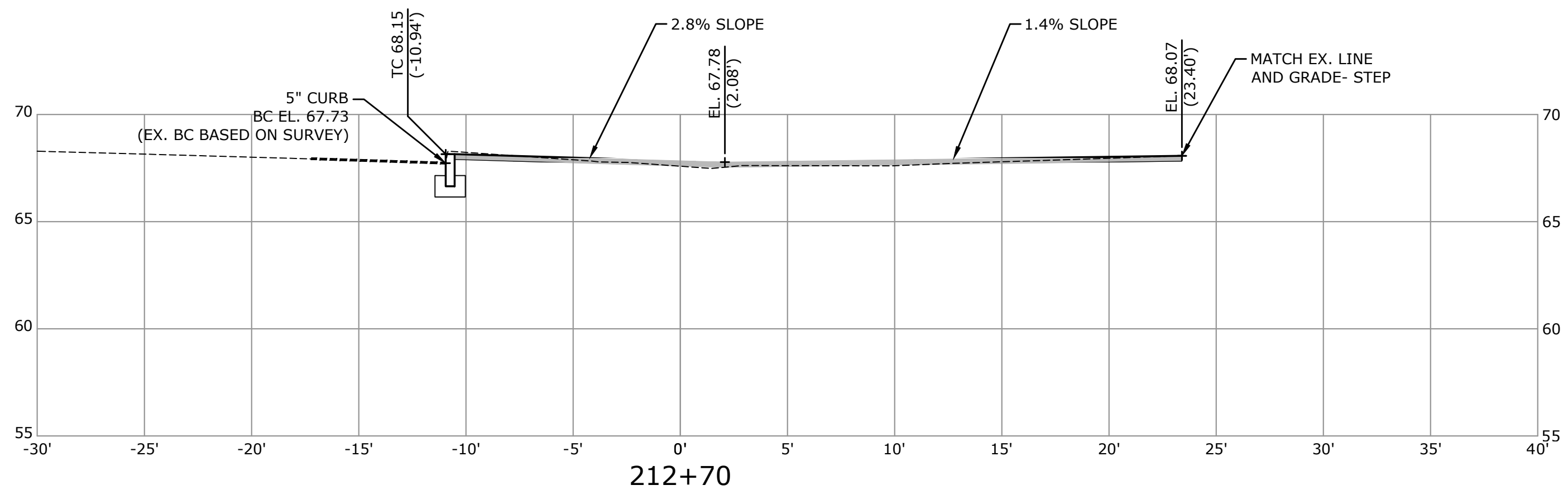
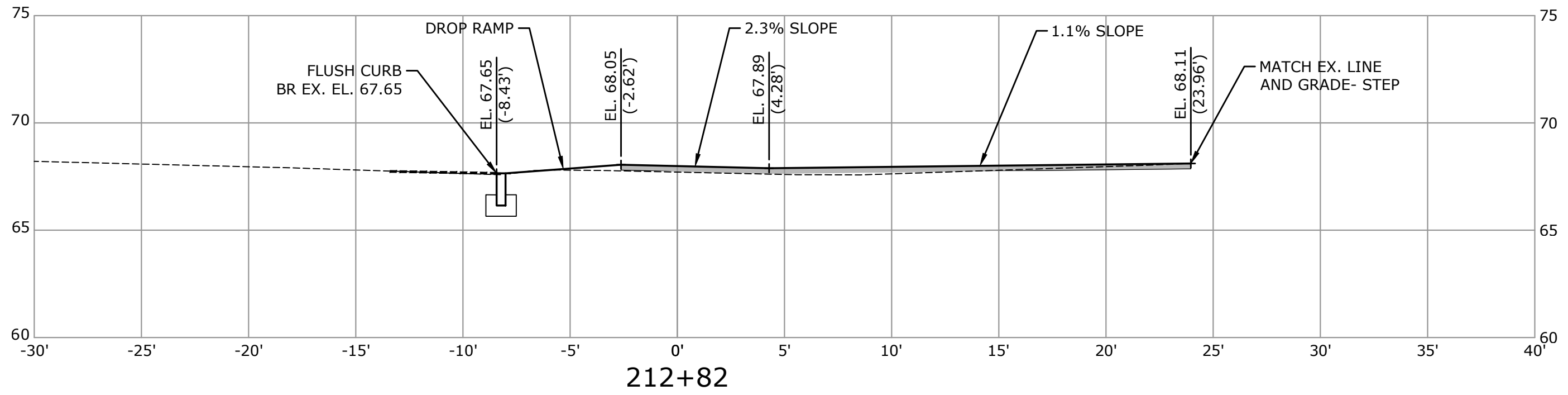
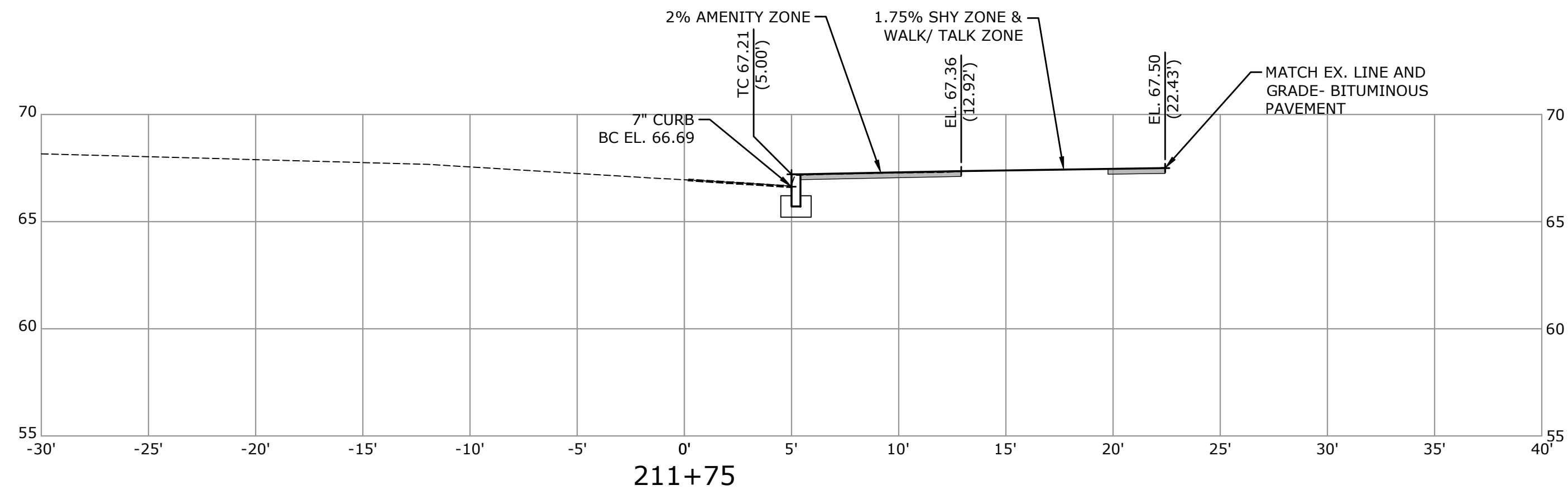
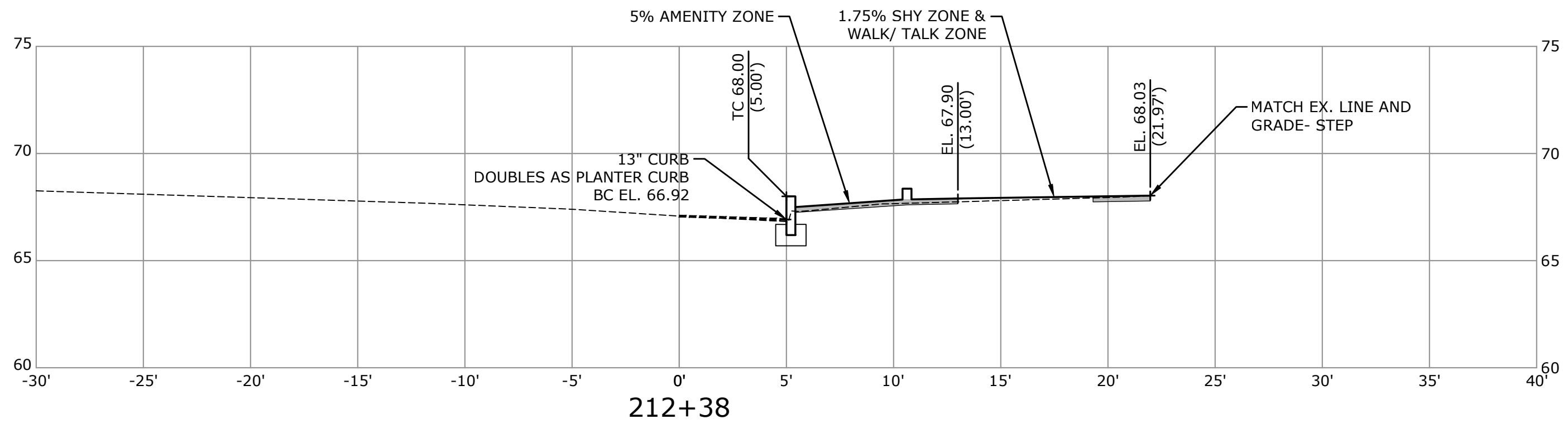
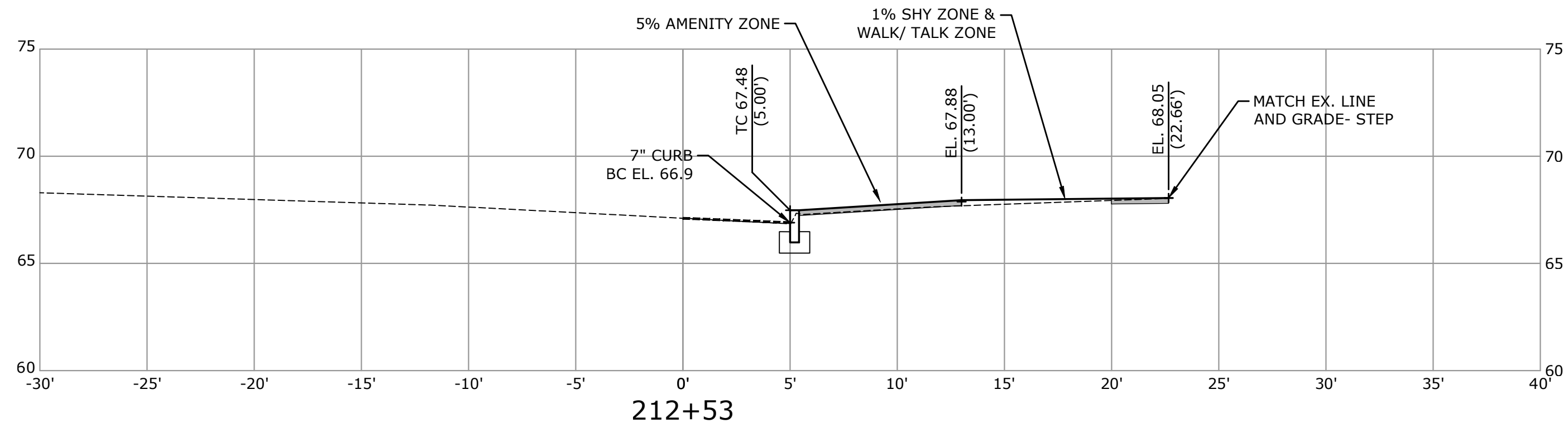
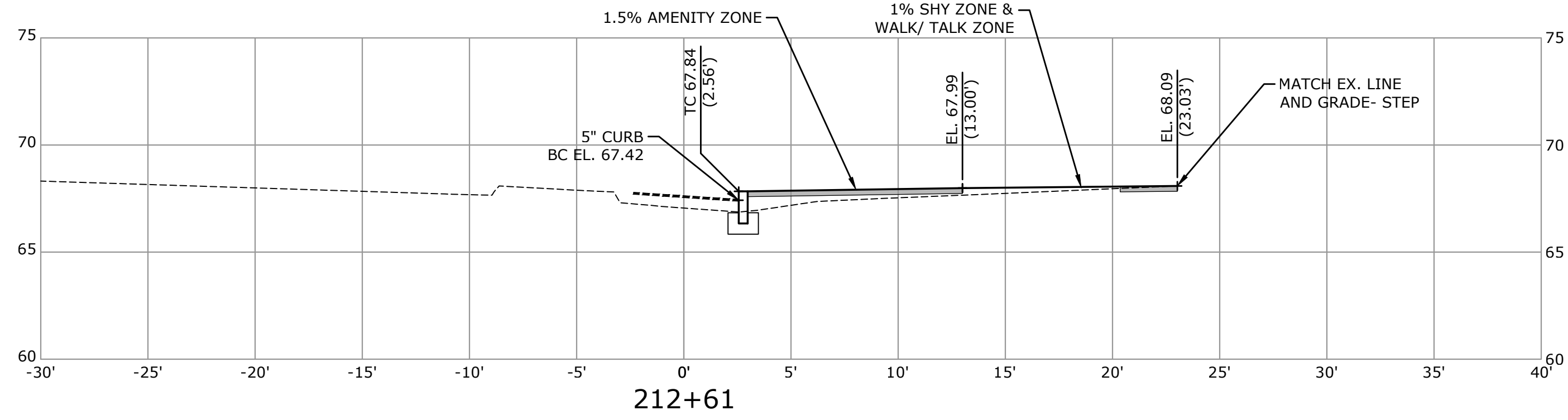
CROSS SECTIONS- EAST

DOWNTOWN STREETSCAPE ENHANCEMENT PROJECT

MAINE STREET BRUNSWICK, MAINE

JJM	JJM	DWD
DESIGNED	DRAWN	CHECKED
1"=5'		
AUGUST 30, 2023		
3516-11		
27 OF 32		
XS-10		

PROJECT: 16.00 - DOWNTOWN STREETSCAPE ENHANCEMENT PROJECT
DRAWING: 28 OF 32
DATE: AUGUST 30, 2023
PROJECT NO.: 3516-11
SHEET NO.: XS-11



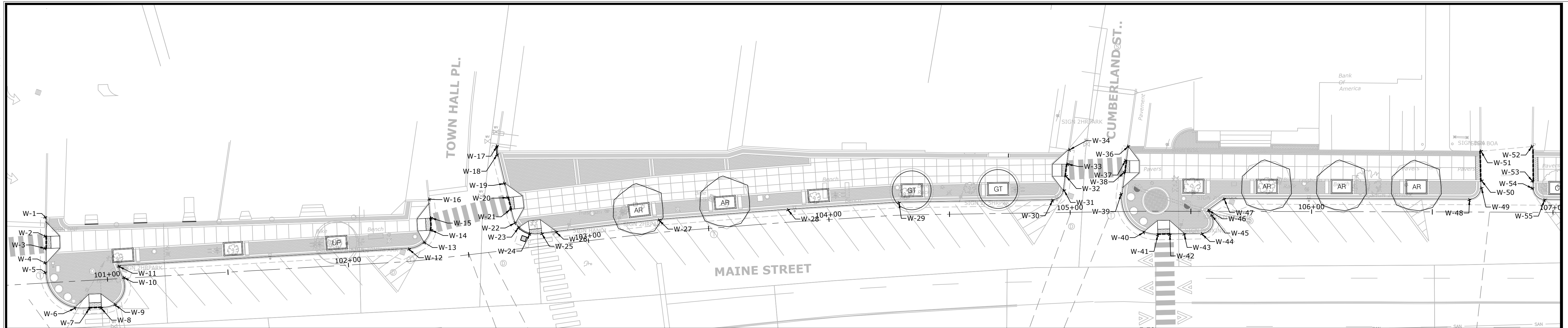
DESCRIPTION	DATE	BY

CROSS SECTIONS- EAST

DOWNTOWN STREETSCAPE
ENHANCEMENT PROJECT

MAINE STREET
BRUNSWICK, MAINE

JJM	JJM	DWD
DESIGNED	DRAWN	CHECKED
1"=5'		
AUGUST 30, 2023		
DATE		
3516-11		
PROJECT NO.		
28 OF 32		
DRAWING NO.		
XS-11		
SHEET NO.		



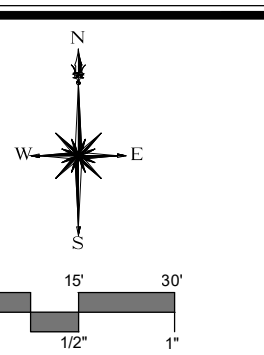
WEST BASELINE CURB LAYOUT
PLEASANT ST TO BANK OF AMERICA

START CURB POINT	START STATION	START OFFSET	END CURB POINT	LENGTH (feet)	RADIUS (feet)	CURB TYPE
W-1	100+75.79	-27.15	W-2	8		TDI
W-2	100+75.32	-19.25	W-3	5		FCI
W-3	100+75.02	-14.25	W-4	6		TDI
W-4	100+74.66	-8.26	W-5	4		I
W-5	100+74.42	-4.24	W-6	18	15	I
W-6	100+85.79	11.21	W-7	8	15	TDI
W-7	100+91.76	11.70	W-8	5		FCI
W-8	100+96.76	11.81	W-9	8	8	TDI
W-9	101+02.60	10.81	W-10	12	9	I
W-10	101+06.84	-0.26	W-11	6		I
W-11	101+05.10	-5.00	W-12	121		I
W-12	102+25.62	-4.96	W-13	5	10	I
W-13	102+32.43	-7.11	W-14	8	10	TDI
W-14	102+35.86	-11.92	W-15	5	15	FCI
W-15	102+36.39	-16.90	W-16	8		TDI
W-16	102+36.50	-24.67	END OF RUN - TOWN HALL PLACE			

I = TYPE I VERTICAL GRANITE CURB
TDI = TYPE I VERTICAL GRANITE CURB TIP DOWN
FCI = TYPE I FLUSH VERTICAL GRANITE CURB

START CURB POINT	START STATION	START OFFSET	END CURB POINT	LENGTH (feet)	RADIUS (feet)	CURB TYPE
W17	102+66.88	-43.28	W-18	4	8	I
W-18	102+66.54	-39.75	W-19	10		I
W-19	102+68.02	-27.60	W-20	8		TDI
W-20	102+68.70	-21.64	W-21	5		FCI
W-21	102+69.31	-16.64	W-22	6	10	TDI
W-22	102+70.50	-10.78	W-23	2	10	I
W-23	102+71.81	-8.70	W-24	5	10	TDI
W-24	102+76.18	-5.60	W-25	5	12	FCI
W-25	102+81.18	-5.00	W-26	8		TDI
W-26	102+87.18	-5.00	W-27	43		I
W-27	103+29.96	-5.01	W-28	54		I
W-28	103+83.44	-5.01	W-29	46		I
W-29	104+29.26	-5.06	W-30	64		I
W-30	104+92.77	-5.00	W-31	6	5	I
W-31	104+97.68	-9.07	W-32	6		TDI
W-32	104+98.55	-15.01	W-33	5		FCI
W-33	104+99.27	-20.00	W-34	6		TDI
W-34	105+00.13	-25.93	END OF RUN - CUMBERLAND ST			

START CURB POINT	START STATION	START OFFSET	END CURB POINT	"LENGTH (feet)"	"RADIUS (feet)"	CURB TYPE
W-36	105+24.09	-27.00	W-37	8		TDI
W-37	105+23.23	-21.06	W-38	5		FCI
W-38	105+22.50	-16.07	W-39	8		TDI
W-39	105+21.21	-7.21	W-40	18	15	I
W-40	105+30.36	8.81	W-41	8	15	TDI
W-41	105+36.33	9.86	W-42	5		FCI
W-42	105+41.32	9.74	W-43	8		TDI
W-43	105+47.32	9.60	W-44	6		I
W-44	105+54.68	9.41	W-45	10	5	I
W-45	105+58.77	1.71	W-46	3		I
W-46	105+57.46	-0.33	W-47	8		I
W-47	105+63.84	-5.00	W-48	102		I
W-48	106+65.39	-4.97	W-49	7	5	I
W-49	106+70.38	-9.88	W-50	4		TDI
W-50	106+70.43	-12.98	W-51	12		FCI
W-51	106+70.08	-25.20	END OF RUN - DRIVEWAY			
W-52	106+91.17	-27.25	W-53	12		FCI
W-53	106+91.41	-12.89	W-54	4		TDI
W-54	106+91.45	-9.89	W-55	7	5	I
W-55	106+96.45	-4.97	W-56	84		I

[illegible]

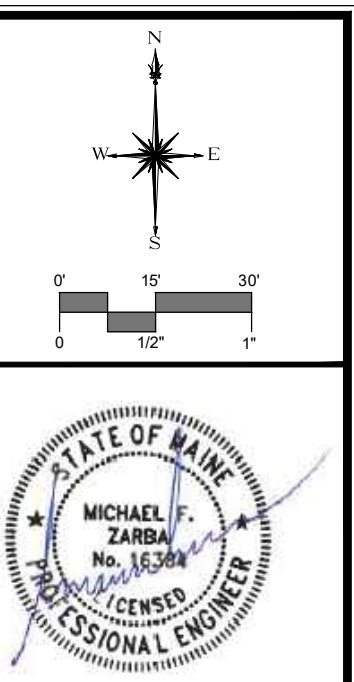
CURB LAYOUT PLAN - WEST SIDE BASELINE

**DOWN TOWN STREETSCAPE
ENHANCEMENT PROJECT**

**MAINE STREET
BRUNSWICK, MAINE**

DDS DESIGNED	DDS DRAWN	--- CHECKED
1"=30'		
AUGUST 30, 2023		
3516-11		
29 OF 32		

CL-01



SLR
99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

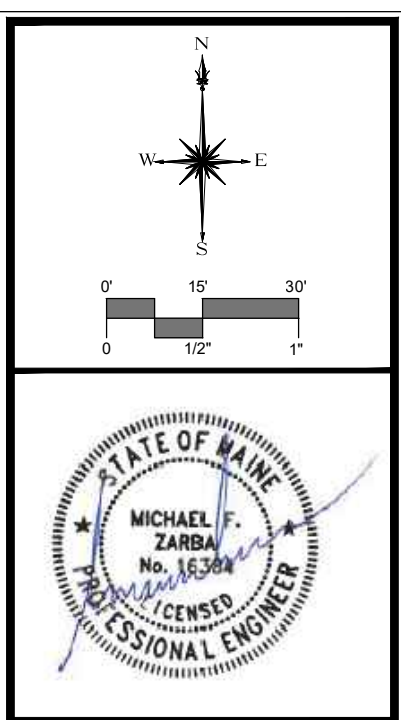
START CURB POINT	START STATION	START OFFSET	END CURB POINT	LENGTH (feet)	RADIUS (feet)	CURB TYPE
W-82	111+53.02	-24.15	W-83	8		TDI
W-83	111+52.17	-18.21	W-84	5		FCI
W-84	111+51.45	-13.21	W-85	8	15	TDI
W-85	111+51.73	-7.25	W-86	10	15	I
W-86	111+60.65	2.99	W-87	8	15	TDI
W-87	111+66.53	4.08	W-88	5		FCI
W-88	111+71.53	4.00	W-89	6		TDI
W-89	111+77.54	3.85	W-90	2	5	I
W-90	111+80.46	2.32	W-91	9		I
W-91	111+86.57	-4.23	W-92	9		I
W-92	111+95.23	-4.61	W-93	58		I
W-93	112+53.47	-5.00	W-94	39		I
W-94	112+91.80	-5.03	W-95	42		I
W-95	113+33.33	-5.00	W-96	10		I
W-96	113+40.08	1.86	W-97	12	5	I
W-97	113+48.69	-1.63	W-98	6		TDI
W-98	113+49.60	-7.56	W-99	5		FCI
W-99	113+50.36	-12.50	W-100	8		TDI
W-100	113+51.46	-19.72	END OF RUN - DRIVEWAY			

[illegible]

DOWNTOWN STREETSCAPE
 ENHANCEMENT PROJECT
 MAINE STREET
 BRUNSWICK, MAINE

DDS DESIGNED	DDS DRAWN	--- CHECKED
1"=30'		
AUGUST 30, 2023		
3516-11		
30 OF 32		

CL-02



SLR

99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

I = TYPE I VERTICAL GRANITE CURB
TDI = TYPE I VERTICAL GRANITE CURB TIP DOWN
FCI = TYPE I FLUSH VERTICAL GRANITE CURB

[illegible]

CURB LAYOUT PLAN - EAST SIDE BASELINE

**DOWNTOWN STREETSCAPE
ENHANCEMENT PROJECT**

**MAINE STREET
BRUNSWICK, MAINE**

DDS	DDS	---
DESIGNED	DRAWN	CHECKED
1"=30'		
SCALE		
AUGUST 30, 2023		
DATE		
3516-11		
PROJECT NO.		
31 OF 32		
SHEET NO.		
CL-03		
SHEET NAME		

