

CDB - PROJECT NUMBER 102-311-099
 IDNR - PROJECT NUMBER 2-20-044
 SMITHGROUP - PROJECT NUMBER 12324.000

ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION

ILLINOIS DEPARTMENT OF NATURAL RESOURCES
 ONE NATURAL RESOURCES WAY
 SPRINGFIELD, IL 62702

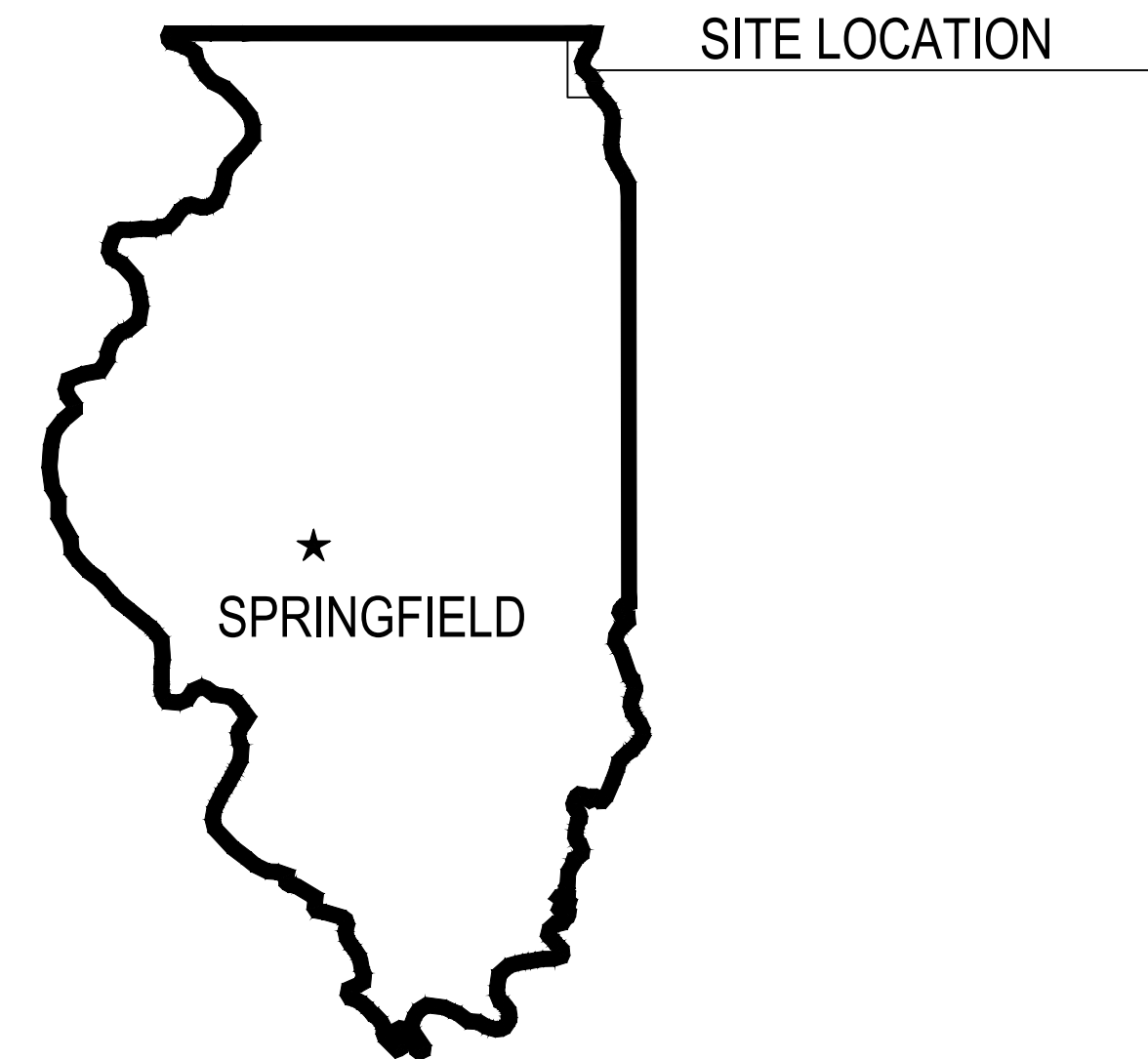
FOR:
 STATE OF ILLINOIS
 CAPITAL DEVELOPMENT BOARD

USING AGENCY:
 ILLINOIS DEPARTMENT OF NATURAL RESOURCES

BY:
 SMITHGROUP, INC.
 DESIGN FIRM REGISTRATION NUMBER 32114
 44 EAST MIFFLIN STREET
 SUITE 500
 MADISON, WI 53703
 608.251.1177

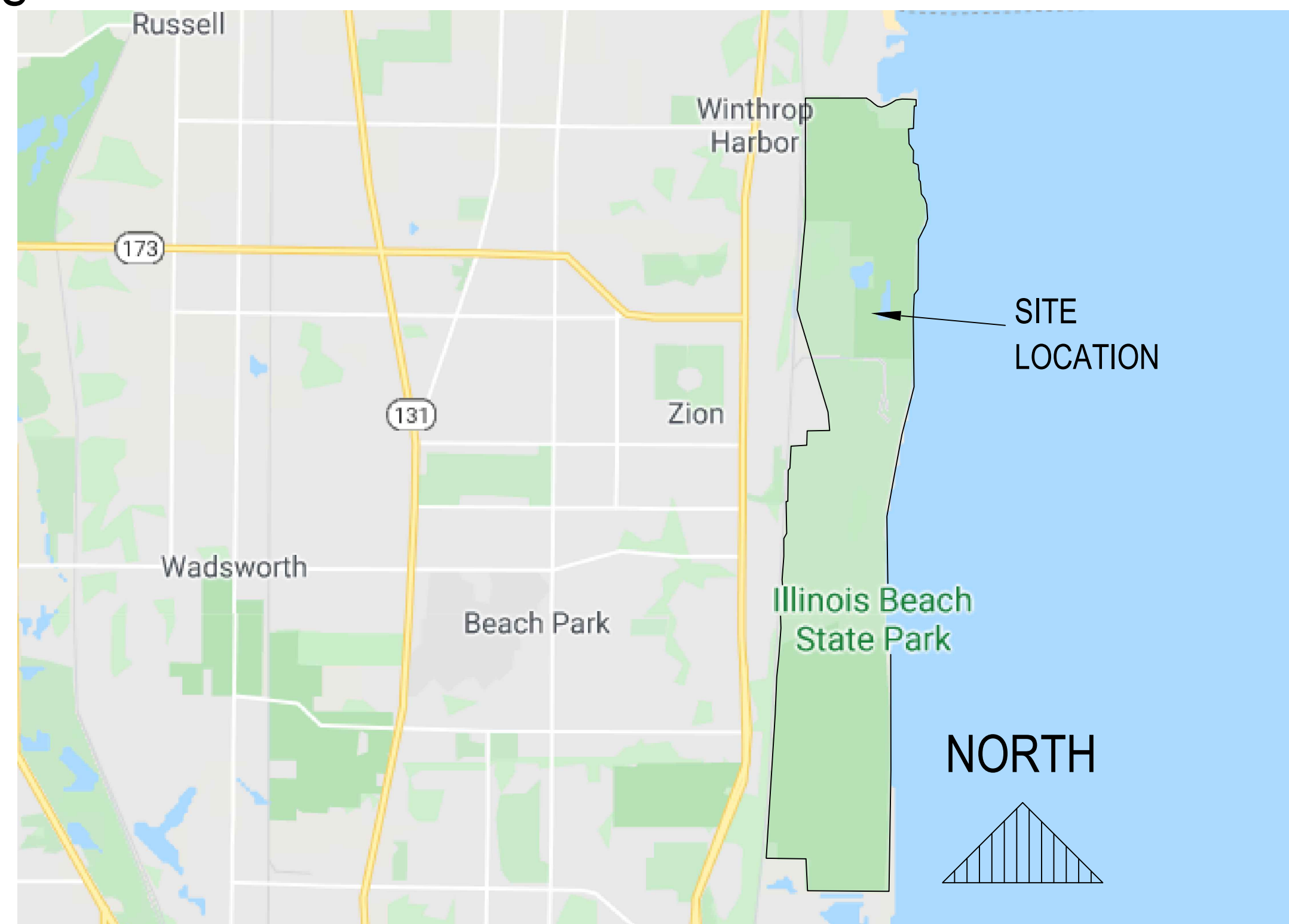
CONSULTANTS:
 EDGEWATER RESOURCES, LLC
 434 S. YELLOWSTONE DRIVE
 SUITE 203
 MADISON, WI 53719
 608.716.3128

JSD PROFESSIONAL SERVICES, INC.
 SURVEYOR
 W238 N1610 BUSSE RD
 WAUKESHA, WI 53188
 262.513.0666



STATE LOCATION PLAN

February 26, 2021
 Bridging Documents for Review



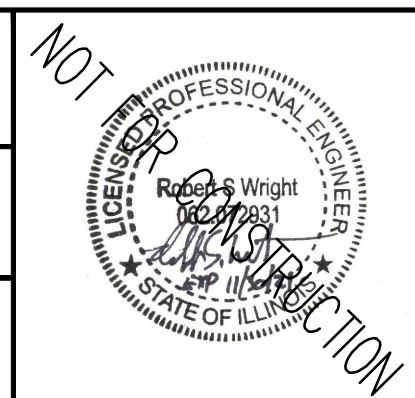
AREA LOCATION PLAN

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NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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State of Illinois
JB PRITZKER, GOVERNOR
 Illinois Capital Development Board

TITLE SHEET
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO.
102-311-099
 DATE
02/26/2021
 SHEET NO.
G-001
 OF (124) SHEETS

Thursday, April 29, 2021 3:20:59 PM
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ALIGNMENT TABLES

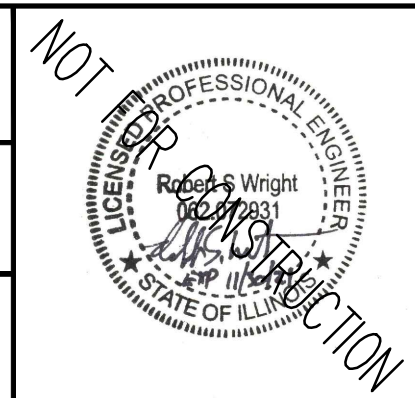
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NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS

Table with columns: NO., DATE, REMARKS. Includes a DRAWN column and a PREPARED column.

Table with columns: DRAWN, PREPARED, TRACED, APPROVED, CHECKED, APPROVED.



SMITHGROUP logo and contact information: 44 EAST MIFFLIN STREET, SUITE 500, MADISON, WI 53703.



State of Illinois JB PRITZKER, GOVERNOR Illinois Capital Development Board

ALIGNMENT TABLES

Table with columns: NUMBER, BEGINNING (STA), ENDING (STA), LENGTH, RADIUS, LINE / CHORD DIRECTION, BEGINNING (N & E), ENDING (N & E). Rows include ALGN-BW1.9 FISH through ALGN-BW2.7.

ALIGNMENT TABLES

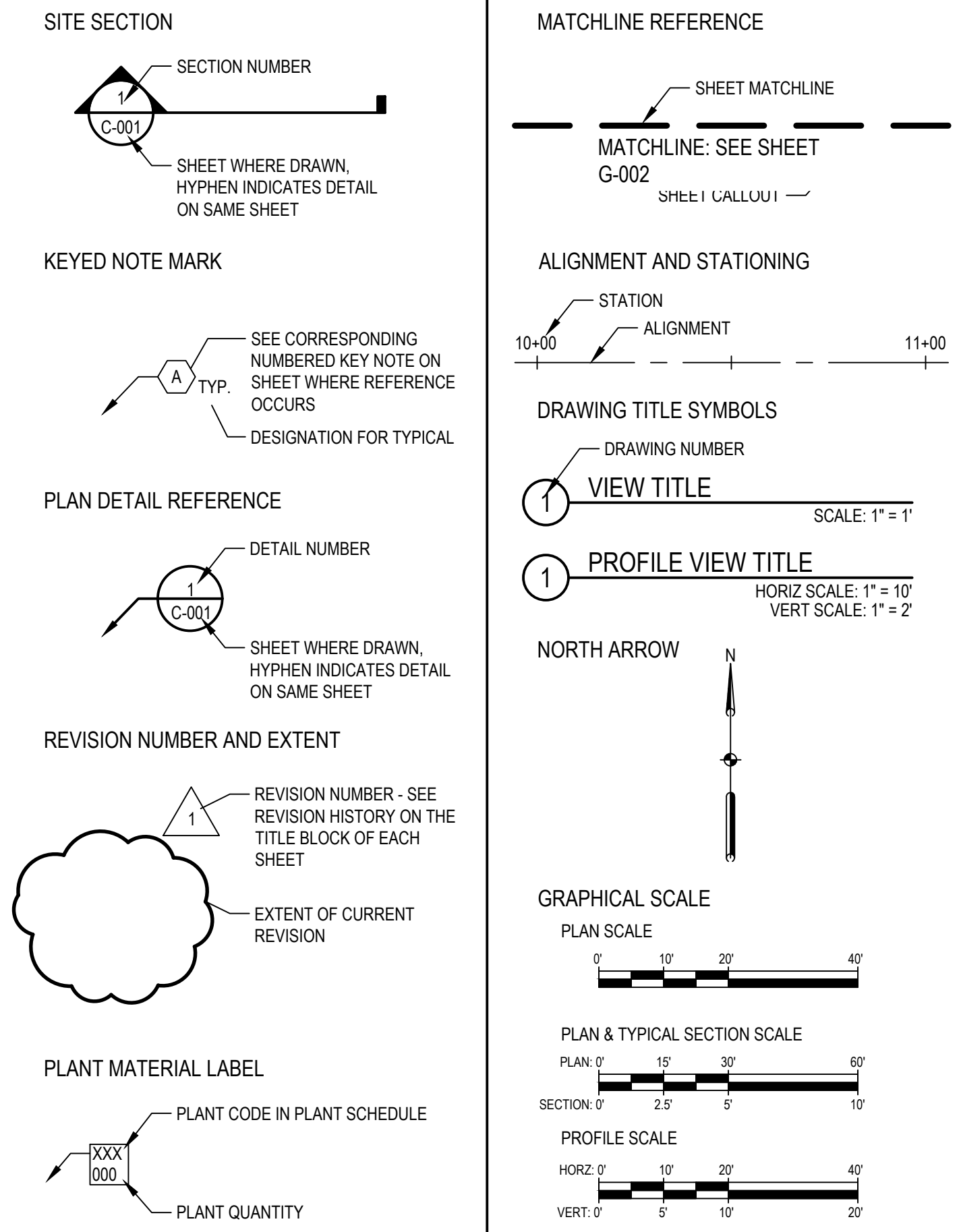
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BREAKWATER STONE GRADATIONS

Table with columns: ARMOR STONE, M50, D50, STANDARD CREST WIDTH, STANDARD LAYER THICKNESS, FILTER STONE, M50, D50, STANDARD LAYER THICKNESS.

CORE STONE SHALL BE A WIDELY GRADED MATERIAL WITH A MAXIMUM DIMENSION OF 6-INCHES. P200 SHALL BE LESS THAN 5% OR PRE-WASHED. REFER TO SPECIFICATION 35 31 19 REGARDING USE OF CORE MATERIAL.

REFERENCE SYMBOLS



GENERAL NOTES

- 1. REFER TO THE DESIGN MODIFICATION / DEVIATIONS LIST IN THE BASIS OF DESIGN FOR INFORMATION REGARDING WHICH ELEMENTS OF THE DESIGN SHOWN IN THE BRIDGING DOCUMENTS MUST BE INCLUDED IN THE PROJECT.
- 2. EXISTING CONCRETE BLOCKS SHOWN ON SHEETS C-001 THROUGH C-003 SHALL BE REMOVED IF LOCATED WITHIN THE FOOTPRINT OF THE NEW STRUCTURES OR BEACH FILL.

GENERAL NOTES

ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099

DATE 02/26/2021

SHEET NO.

G-002

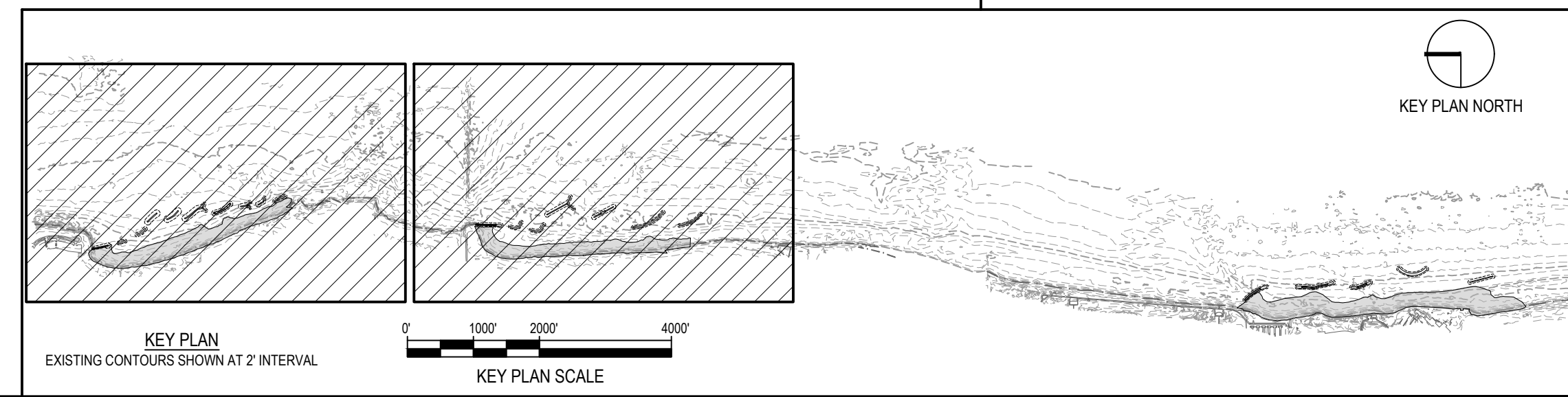
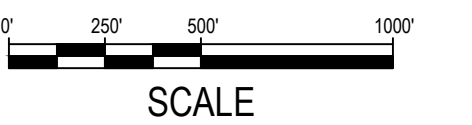
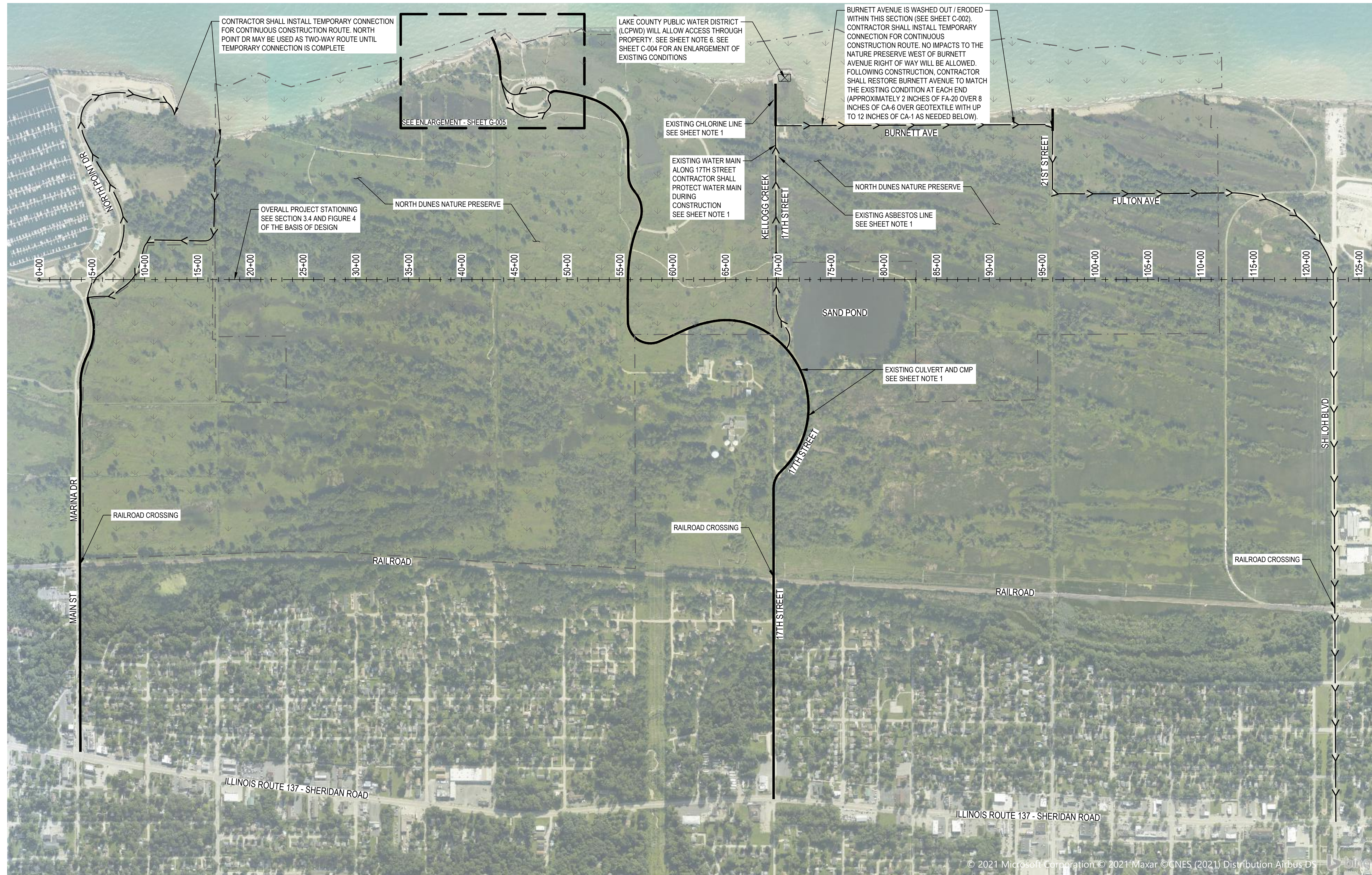
OF (124) SHEETS

SHEET NOTES

1. PRIOR TO THE COMMENCEMENT OF WORK, VERIFY LOCATIONS AND DEPTHS OF ALL UNDERGROUND UTILITIES THAT MAY BE AFFECTED BY CONSTRUCTION AND TAKE RESPONSIBILITY FOR DAMAGES TO SUCH UTILITIES CAUSED AS A RESULT OF CONSTRUCTION.
2. CONTRACTOR SHALL ONLY USE ACCESS ROADS AS MARKED. ALTERNATIVE ROUTES ARE NOT ALLOWED.
3. CONTRACTOR SHALL ACCESS SHORELINE WHERE CONSTRUCTION ROUTES SHOWN TERMINATE AT LAKE MICHIGAN.
4. CONTRACTOR SHALL EVALUATE PROPOSED ACCESS ROADS FOR HAZARDOUS CONDITIONS. CULVERTS HAVE NOT BEEN LOAD-RATED BY IDOT. STEEL PLATES SHALL BE PLACED OVER EXISTING CULVERTS / UTILITY CROSSINGS AS REQUIRED TO PREVENT ROADWAY FAILURES. CONTRACTOR SHALL PROTECT ADJACENT NATURE PRESERVES. NO CONSTRUCTION IMPACTS ALLOWED.
5. LCPWD PROPERTY: CONTRACTOR SHALL REMOVE FENCE SURROUNDING SITE AS NEEDED FOR ACCESS. FENCE AND LANDSCAPING SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION. CONTRACTOR SHALL LIMIT PUBLIC ACCESS TO THIS AREA DURING CONSTRUCTION. CONTRACTOR TO COORDINATE WITH DONALD WHITE, GENERAL MANAGER / TREASURER OF LCPWD (847.746.2052).

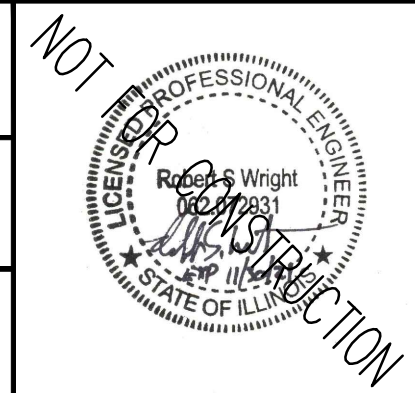
LEGEND

- > ONE-WAY CONSTRUCTION ACCESS ROUTE (ARROW POINTS IN DIRECTION OF TRAVEL)
- TWO-WAY CONSTRUCTION ACCESS ROUTE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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State of Illinois
JB PRITZKER, GOVERNOR
 Illinois Capital Development Board

CONSTRUCTION SITE ACCESS - AREAS 1 & 2		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. G-003
		OF (124) SHEETS

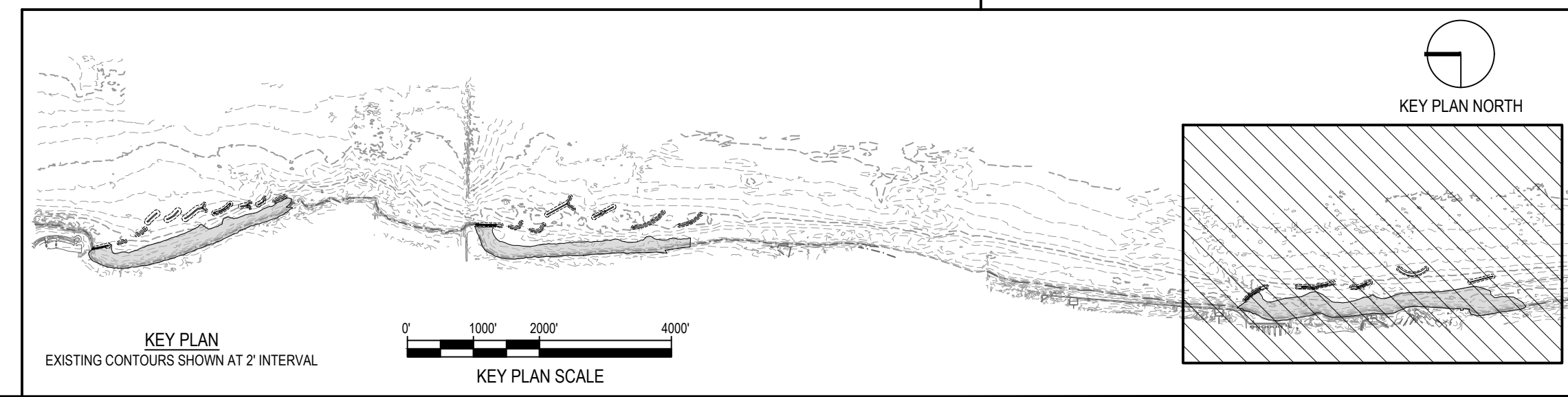
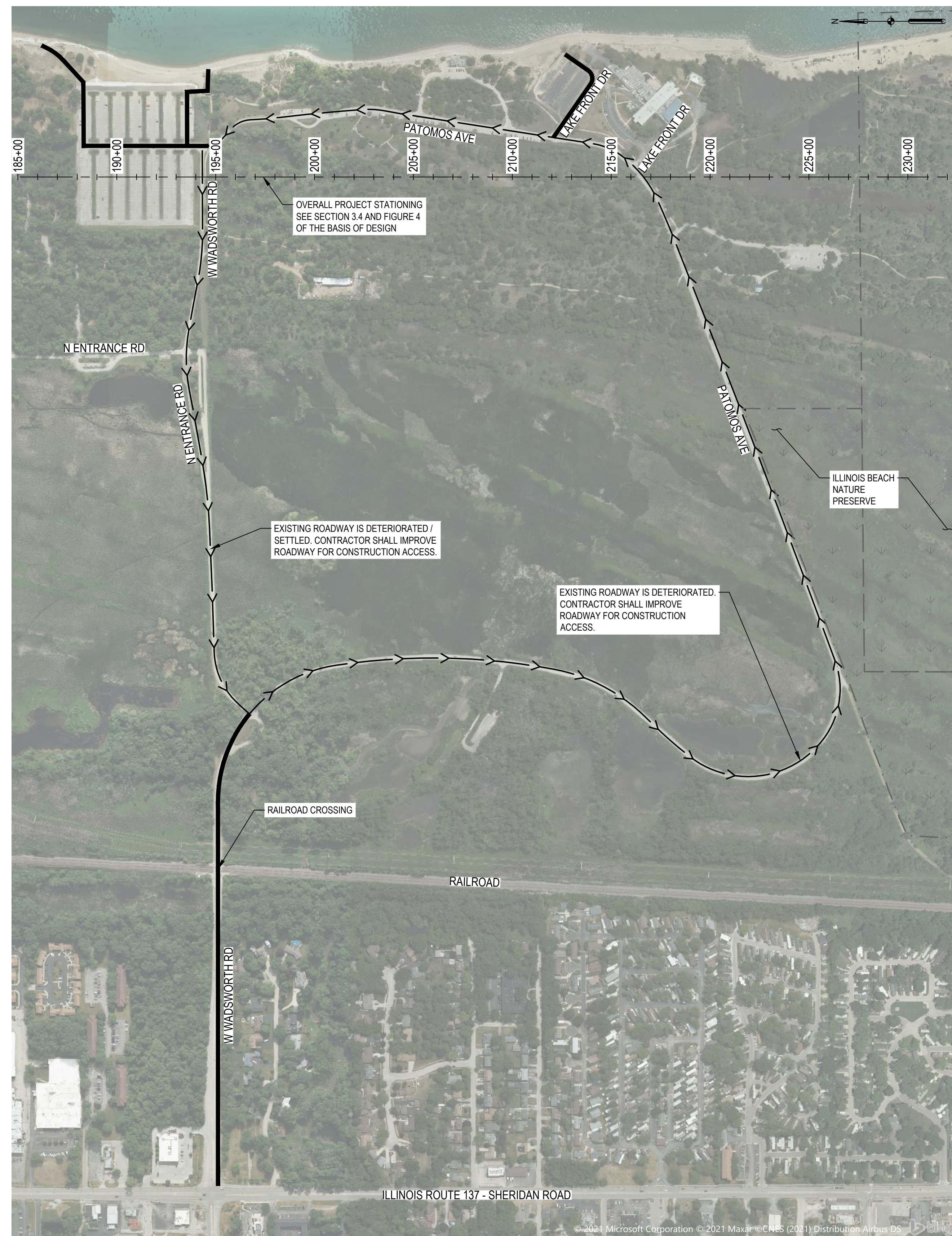
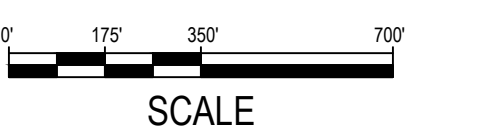
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SHEET NOTES

1. PRIOR TO THE COMMENCEMENT OF WORK, VERIFY LOCATIONS AND DEPTHS OF ALL UNDERGROUND UTILITIES THAT MAY BE AFFECTED BY CONSTRUCTION AND TAKE RESPONSIBILITY FOR DAMAGES TO SUCH UTILITIES CAUSED AS A RESULT OF CONSTRUCTION.
2. CONTRACTOR SHALL ONLY USE ACCESS ROADS AS MARKED. ALTERNATIVE ROUTES ARE NOT ALLOWED.
3. CONTRACTOR SHALL ACCESS SHORELINE WHERE CONSTRUCTION ROUTES SHOWN TERMINATE AT LAKE MICHIGAN.
4. CONTRACTOR SHALL EVALUATE PROPOSED ACCESS ROADS FOR HAZARDOUS CONDITIONS. CULVERTS HAVE NOT BEEN LOAD-RATED BY IDOT. STEEL PLATES SHALL BE PLACED OVER EXISTING CULVERTS / UTILITY CROSSINGS AS REQUIRED TO PREVENT ROADWAY FAILURES.
5. CONTRACTOR SHALL PROTECT ADJACENT NATURE PRESERVES. NO CONSTRUCTION IMPACTS ALLOWED.

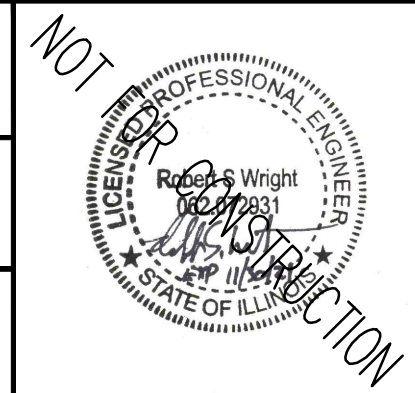
LEGEND

- > ONE-WAY CONSTRUCTION ACCESS ROUTE (ARROW POINTS IN DIRECTION OF TRAVEL)
- TWO-WAY CONSTRUCTION ACCESS ROUTE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
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			CHECKED	APPROVED
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State of Illinois
JB PRITZKER, GOVERNOR
 Illinois Capital Development Board



CONSTRUCTION SITE ACCESS - AREA 3		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. G-004
OF (124) SHEETS		

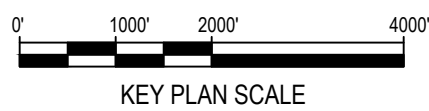
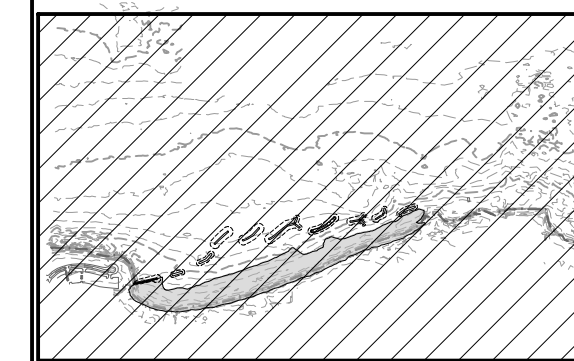
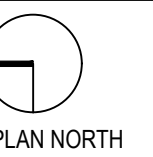
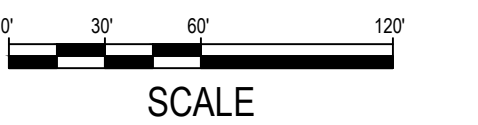
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SHEET NOTES

1. PRIOR TO THE COMMENCEMENT OF WORK, VERIFY LOCATIONS AND DEPTHS OF ALL UNDERGROUND UTILITIES THAT MAY BE AFFECTED BY CONSTRUCTION AND TAKE RESPONSIBILITY FOR DAMAGES TO SUCH UTILITIES CAUSED AS A RESULT OF CONSTRUCTION.
2. CONTRACTOR SHALL ONLY USE ACCESS ROADS AS MARKED. ALTERNATIVE ROUTES ARE NOT ALLOWED.
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5. CONTRACTOR SHALL PROTECT ADJACENT NATURE PRESERVES. NO CONSTRUCTION IMPACTS ALLOWED.

LEGEND

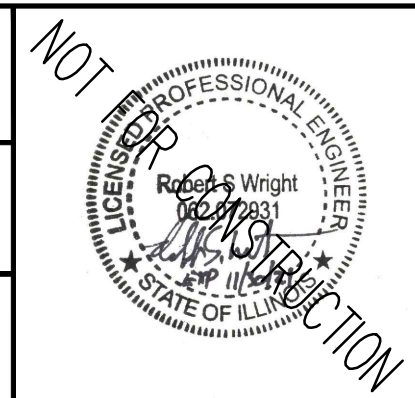
-  ONE-WAY CONSTRUCTION ACCESS ROUTE (ARROW POINTS IN DIRECTION OF TRAVEL)
-  TWO-WAY CONSTRUCTION ACCESS ROUTE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS		
NO.	DATE	REMARKS

DRAWN	PREPARED
---	---
TRACED	APPROVED
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CHECKED	APPROVED
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CONSTRUCTION SITE ACCESS - ENLARGEMENT		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. G-005
		OF (124) SHEETS

SHEET NOTES

1. FIELD WORK PERFORMED BY JSD PROFESSIONAL SERVICES, INC. FROM MARCH 30 - MAY 22, 2020.
2. THE HORIZONTAL DATUM IS REFERENCED TO NAD83(2011) / NSRS 2011, ILLINOIS STATE PLANES, EAST ZONE, US FOOT.
3. THE VERTICAL DATUM IS REFERENCED TO THE INTERNATIONAL GREAT LAKES DATUM 1985. (NAVD88 - 0.544' = IGLD85)
4. CONTOUR INTERVAL IS ONE FOOT.
5. SPOT ELEVATIONS IN CURBED AREAS REFERENCE THE PAVEMENT EDGE ELEVATIONS.
6. AERIAL IMAGE PROVIDED FOR ADDITIONAL CONTEXT. UPLAND SURVEY WAS LIMITED TO THE EXTENT OF LINE WORK SHOWN.
7. CONTRACTOR SHALL LOCATE AND PROTECT SHIPWRECKS DURING CONSTRUCTION.

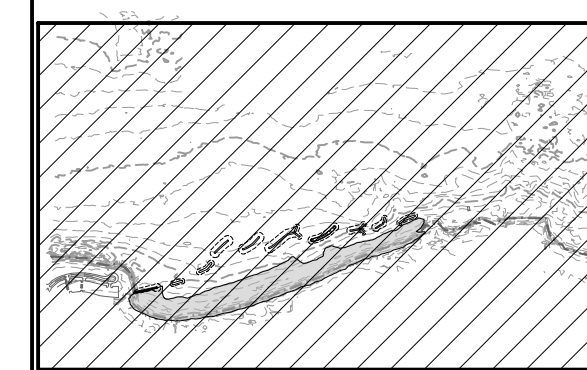
LEGEND

- BOLLARD
- SATELLITE DISH
- FLAG POLE
- POST
- SIGN
- TOWER
- LIGHT POLE
- POWER POLE
- POWER POLE W/GUY
- YARD LIGHT
- OVERHEAD POWERLINE
- DECIDUOUS TREE
- CONIFEROUS TREE
- LANDSCAPE LIMITS
- X — FENCE LINE
- · — · — STONE WALL
- · — · — EDGE OF PAVEMENT
- · — · — CONCRETE CURB & GUTTER
- · — · — GRAVEL
- · — · — INTERMEDIATE CONTOUR
- · — · — EDGE OF WATER
- · — · — DITCH LINE
- · — · — ORDINARY HIGH WATER MARK
- · — · — DELINEATED WETLANDS
- SPOT ELEVATION
- BITUMINOUS PAVEMENT
- CONCRETE PAVEMENT
- RIPRAP
- ECO-BLOCKS
- SAND
- · — · — EDGE OF BITUMINOUS
- · — · — VEGETATION EDGE
- · — · — WETLAND
- SANITARY MANHOLE
- CLEAN OUT
- VENT PIPE
- WATER MANHOLE
- HYDRANT
- WATER VALVE
- STORM MANHOLE
- ROUND CASTED INLET
- SQUARE CASTED INLET
- CURB INLET
- GAS REGULATOR/METER
- GAS VALVE
- MANHOLE - UNVERIFIED TYPE
- ELECTRIC MANHOLE
- ELECTRIC PEDESTAL
- ELECTRIC METER
- ELECTRIC PANEL
- AIR CONDITIONER
- SHIPWRECK
- NATURE PRESERVE

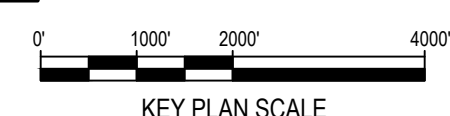
NOTE: ALL SYMBOLS SHOWN IN THIS LEGEND ARE NOT NECESSARILY USED.



KEY PLAN NORTH



KEY PLAN
EXISTING CONTOURS SHOWN AT 2' INTERVAL



KEY PLAN SCALE



CONTRACTOR SHALL MINIMIZE POTENTIAL NEGATIVE IMPACTS TO EXISTING DAMAGED SHEETPILE STRUCTURE

CONTRACTOR SHALL MINIMIZE POTENTIAL NEGATIVE IMPACTS TO EXISTING CONCRETE STORMWATER STRUCTURE

SUBMERGED RIP-RAP

NORTH POINT MARINA REVETMENT

EXISTING CULVERT (SUBMERGED)

EXISTING NORTH BEACH

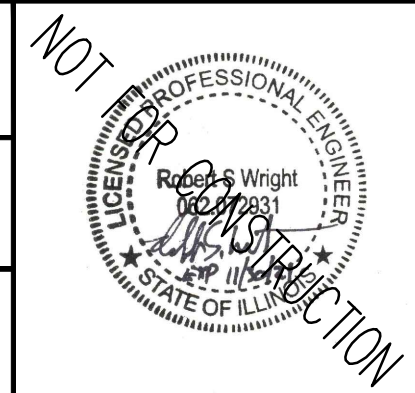
PARKING AREA

CONCRETE BLOCKS (APPROXIMATE LOCATION - NOT SURVEYED)

OVERALL PROJECT STATIONING SEE SECTION 3.4 AND FIGURE 4 OF THE BASIS OF DESIGN

NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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EXISTING CONDITIONS - AREA 1
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO.	102-311-099
DATE	02/26/2021
SHEET NO.	C-001
OF (124) SHEETS	

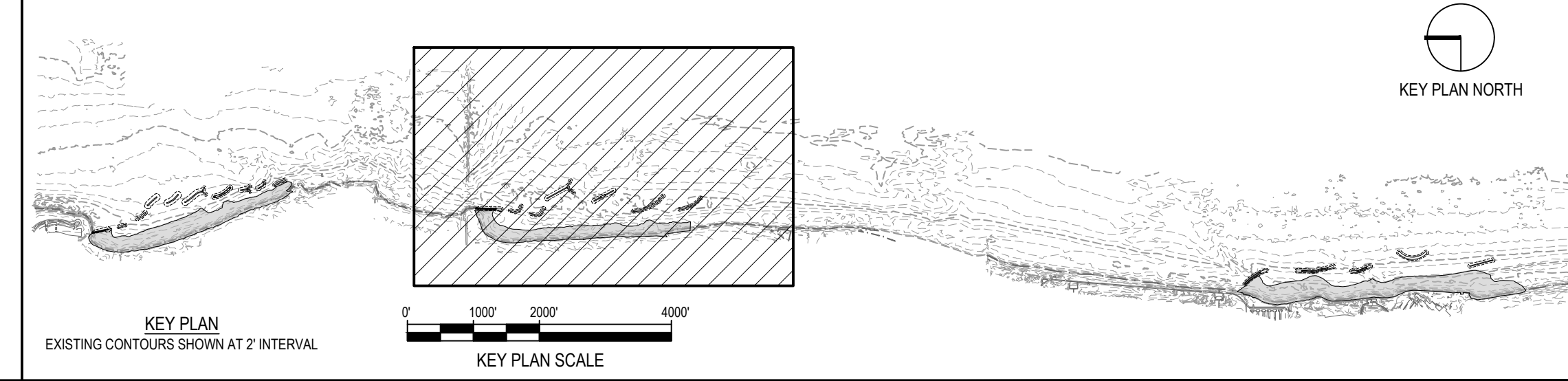
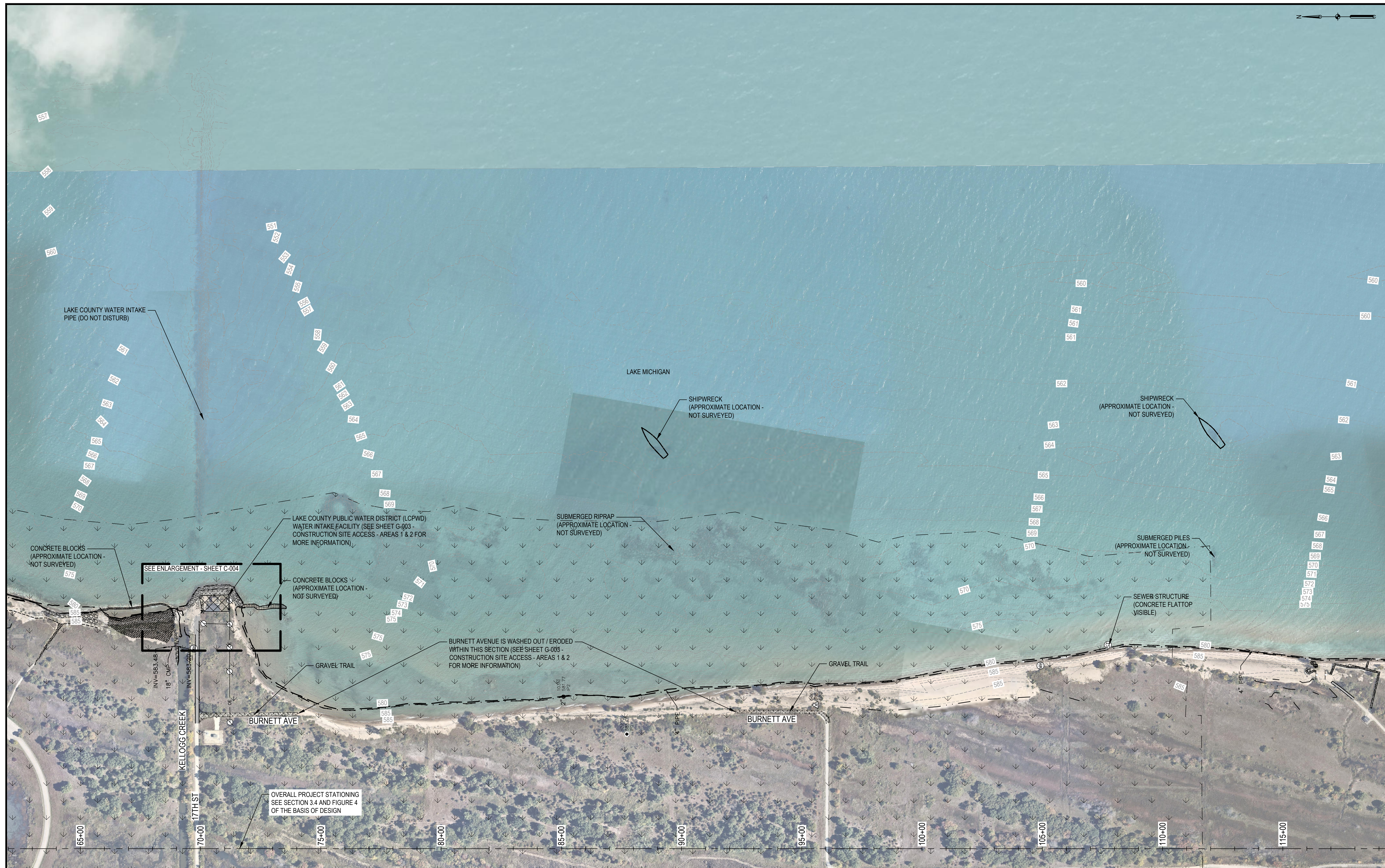
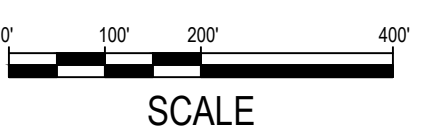
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SHEET NOTES

1. FIELD WORK PERFORMED BY JSD PROFESSIONAL SERVICES, INC. FROM MARCH 30 - MAY 22, 2020.
2. THE HORIZONTAL DATUM IS REFERENCED TO NAD83(2011) / NSRS 2011, ILLINOIS STATE PLANES, EAST ZONE, US FOOT.
3. THE VERTICAL DATUM IS REFERENCED TO THE INTERNATIONAL GREAT LAKES DATUM 1985. (NAVD88 - 0.544' = IGLD85)
4. CONTOUR INTERVAL IS ONE FOOT.
5. SPOT ELEVATIONS IN CURBED AREAS REFERENCE THE PAVEMENT EDGE ELEVATIONS.
6. AERIAL IMAGE PROVIDED FOR ADDITIONAL CONTEXT. UPLAND SURVEY WAS LIMITED TO THE EXTENT OF LINE WORK SHOWN.
7. CONTRACTOR SHALL LOCATE AND PROTECT SHIPWRECKS DURING CONSTRUCTION.

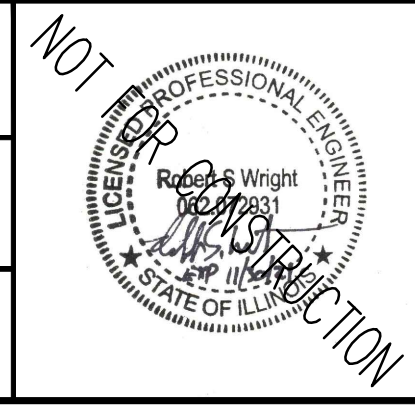
LEGEND

- BOLLARD
 - SATELLITE DISH
 - FLAG POLE
 - POST
 - SIGN
 - TOWER
 - LIGHT POLE
 - POWER POLE
 - POWER POLE W/GUY
 - YARD LIGHT
 - OVERHEAD POWERLINE
 - DECIDUOUS TREE
 - CONIFEROUS TREE
 - LANDSCAPE LIMITS
 - FENCE LINE
 - STONE WALL
 - EDGE OF PAVEMENT
 - CONCRETE CURB & GUTTER
 - GRAVEL
 - INTERMEDIATE CONTOUR
 - EDGE OF WATER
 - DITCH LINE
 - ORDINARY HIGH WATER MARK
 - DELINEATED WETLANDS
 - SPOT ELEVATION
 - BITUMINOUS PAVEMENT
 - RETAINING WALL
 - CONCRETE PAVEMENT
 - RIPRAP
 - ECO-BLOCKS
 - SAND
 - EDGE OF BITUMINOUS
 - VEGETATION EDGE
 - WETLAND
 - SANITARY MANHOLE
 - CLEAN OUT
 - VENT PIPE
 - WATER MANHOLE
 - HYDRANT
 - WATER VALVE
 - STORM MANHOLE
 - ROUND CASTED INLET
 - SQUARE CASTED INLET
 - CURB INLET
 - GAS REGULATOR/METER
 - GAS VALVE
 - MANHOLE - UNVERIFIED TYPE
 - ELECTRIC MANHOLE
 - ELECTRIC PEDESTAL
 - ELECTRIC METER
 - ELECTRIC PANEL
 - AIR CONDITIONER
 - SHIPWRECK
 - NATURE PRESERVE
- NOTE: ALL SYMBOLS SHOWN IN THIS LEGEND ARE NOT NECESSARILY USED.



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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EXISTING CONDITIONS - AREA 2
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO.	102-311-099
DATE	02/26/2021
SHEET NO.	C-002
OF (124) SHEETS	

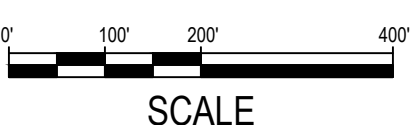
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SHEET NOTES

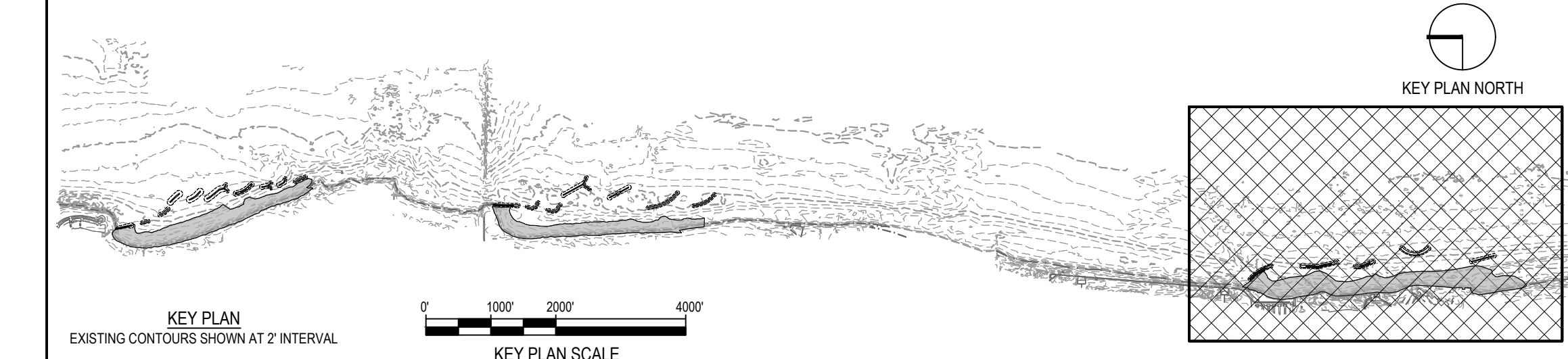
1. FIELD WORK PERFORMED BY JSD PROFESSIONAL SERVICES, INC. FROM MARCH 30 - MAY 22, 2020.
2. THE HORIZONTAL DATUM IS REFERENCED TO NAD83(2011) / NSRS 2011, ILLINOIS STATE PLANES, EAST ZONE, US FOOT.
3. THE VERTICAL DATUM IS REFERENCED TO THE INTERNATIONAL GREAT LAKES DATUM 1985. (NAVD88 - 0.544' = IGLD85)
4. CONTOUR INTERVAL IS ONE FOOT.
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6. AERIAL IMAGE PROVIDED FOR ADDITIONAL CONTEXT. UPLAND SURVEY WAS LIMITED TO THE EXTENT OF LINE WORK SHOWN.
7. CONTRACTOR SHALL LOCATE AND PROTECT SHIPWRECKS DURING CONSTRUCTION.

LEGEND

- BOLLARD
 - ◊ SATELLITE DISH
 - ◊ FLAG POLE
 - POST
 - SIGN
 - TOWER
 - LIGHT POLE
 - POWER POLE
 - POWER POLE W/GUY
 - YARD LIGHT
 - OVERHEAD POWERLINE
 - DECIDUOUS TREE
 - CONIFEROUS TREE
 - LANDSCAPE LIMITS
 - X — FENCE LINE
 - STONE WALL
 - EDGE OF PAVEMENT
 - CONCRETE CURB & GUTTER
 - ▨ GRAVEL
 - 874 --- INTERMEDIATE CONTOUR
 - EDGE OF WATER
 - DITCH LINE
 - ORDINARY HIGH WATER MARK
 - DELINEATED WETLANDS
 - SPOT ELEVATION
 - ▨ BITUMINOUS PAVEMENT
 - ▨ RETAINING WALL
 - ▨ CONCRETE PAVEMENT
 - ▨ RIPRAP
 - ▨ ECO-BLOCKS
 - ▨ SAND
 - EDGE OF BITUMINOUS
 - VEGETATION EDGE
 - WETLAND
 - ⊙ SANITARY MANHOLE
 - ⊙ CLEAN OUT
 - ⊙ VENT PIPE
 - ⊙ WATER MANHOLE
 - ⊙ HYDRANT
 - ⊙ WATER VALVE
 - ⊙ STORM MANHOLE
 - ⊙ ROUND CASTED INLET
 - ⊙ SQUARE CASTED INLET
 - ⊙ CURB INLET
 - ⊙ GAS REGULATOR/METER
 - ⊙ GAS VALVE
 - ⊙ MANHOLE - UNVERIFIED TYPE
 - ⊙ ELECTRIC MANHOLE
 - ⊙ ELECTRIC PEDESTAL
 - ⊙ ELECTRIC METER
 - ⊙ ELECTRIC PANEL
 - ⊙ AIR CONDITIONER
 - ⊙ SHIPWRECK
 - ⊙ NATURE PRESERVE
- NOTE: ALL SYMBOLS SHOWN IN THIS LEGEND ARE NOT NECESSARILY USED.

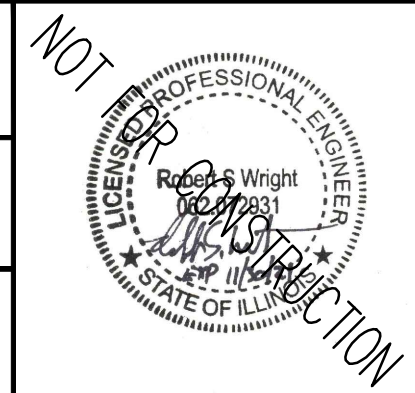


OVERALL PROJECT STATIONING
SEE SECTION 3.4 AND FIGURE 4
OF THE BASIS OF DESIGN



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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EXISTING CONDITIONS - AREA 3
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO.	102-311-099
DATE	02/26/2021
SHEET NO.	C-003
OF (124) SHEETS	

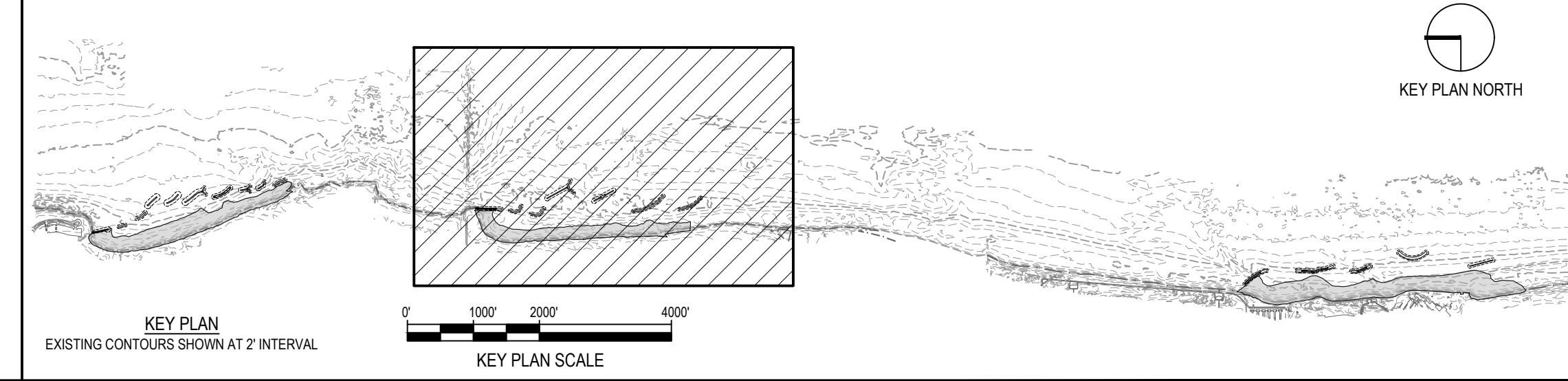
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SHEET NOTES

1. FIELD WORK PERFORMED BY JSD PROFESSIONAL SERVICES, INC. FROM MARCH 30 - MAY 22, 2020.
2. THE HORIZONTAL DATUM IS REFERENCED TO NAD83(2011) / NSRS 2011, ILLINOIS STATE PLANES, EAST ZONE, US FOOT.
3. THE VERTICAL DATUM IS REFERENCED TO THE INTERNATIONAL GREAT LAKES DATUM 1985. (NAVD88 - 0.544' = IGLD85)
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7. CONTRACTOR SHALL LOCATE AND PROTECT SHIPWRECKS DURING CONSTRUCTION.

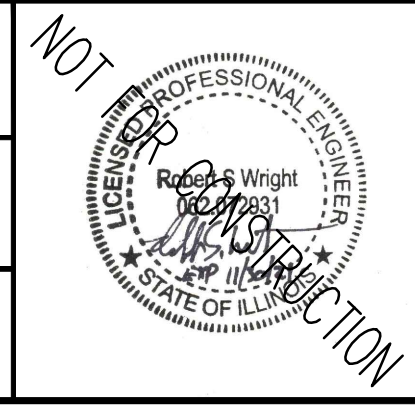
LEGEND

- BOLLARD
 - SATELLITE DISH
 - FLAG POLE
 - POST
 - SIGN
 - TOWER
 - LIGHT POLE
 - POWER POLE
 - POWER POLE W/GUY
 - YARD LIGHT
 - OVERHEAD POWERLINE
 - DECIDUOUS TREE
 - CONIFEROUS TREE
 - LANDSCAPE LIMITS
 - X — FENCE LINE
 - · · · — STONE WALL
 - · · · — EDGE OF PAVEMENT
 - · · · — CONCRETE CURB & GUTTER
 - · · · — GRAVEL
 - · · · — INTERMEDIATE CONTOUR
 - · · · — EDGE OF WATER
 - · · · — DITCH LINE
 - · · · — ORDINARY HIGH WATER MARK
 - · · · — DELINEATED WETLANDS
 - · · · — SPOT ELEVATION
 - · · · — BITUMINOUS PAVEMENT
 - · · · — RETAINING WALL
 - · · · — CONCRETE PAVEMENT
 - · · · — RIPRAP
 - · · · — ECO-BLOCKS
 - · · · — SAND
 - · · · — EDGE OF BITUMINOUS
 - · · · — VEGETATION EDGE
 - · · · — WETLAND
 - SANITARY MANHOLE
 - CLEAN OUT
 - VENT PIPE
 - WATER MANHOLE
 - HYDRANT
 - WATER VALVE
 - STORM MANHOLE
 - ROUND CASTED INLET
 - SQUARE CASTED INLET
 - CURB INLET
 - GAS REGULATOR/METER
 - GAS VALVE
 - MANHOLE - UNVERIFIED TYPE
 - ELECTRIC MANHOLE
 - ELECTRIC PEDESTAL
 - ELECTRIC METER
 - ELECTRIC PANEL
 - AIR CONDITIONER
 - SHIPWRECK
 - NATURE PRESERVE
- NOTE: ALL SYMBOLS SHOWN IN THIS LEGEND ARE NOT NECESSARILY USED.

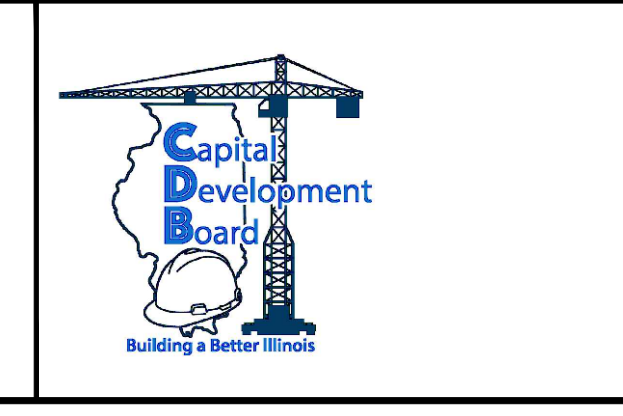


NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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EXISTING CONDITIONS - LCPWD ENLARGEMENT	PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS	DATE 02/26/2021
	SHEET NO. C-004
	OF (124) SHEETS

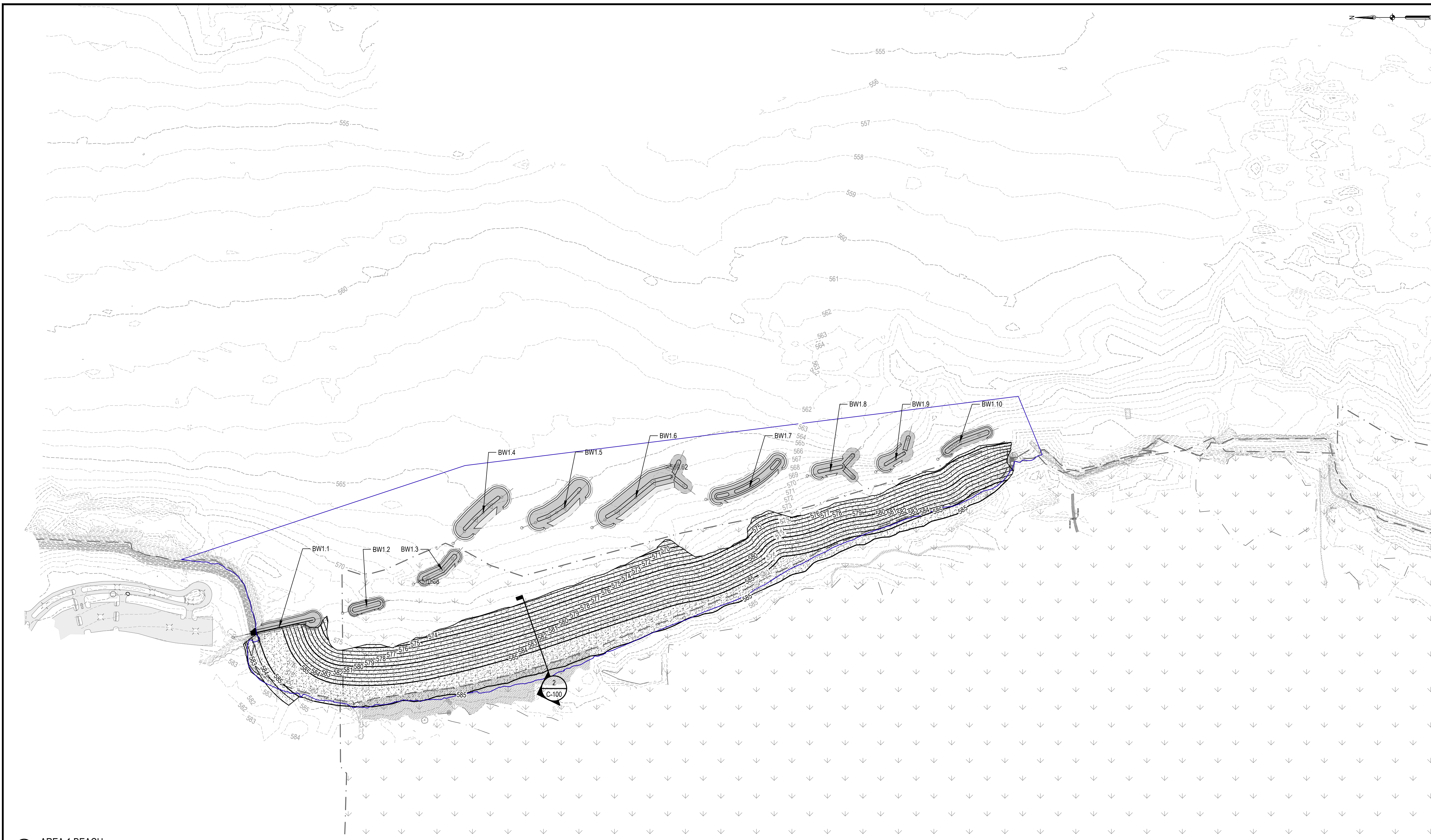
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SHEET NOTES

- SEE SHEETS C-101 TO C-147 FOR TYPICAL BREAKWATER DETAILS, LONGITUDINAL SECTIONS, AND REPRESENTATIVE CROSS-SECTIONS.
- AQUATIC HABITAT ENHANCEMENTS SHALL BE CONSIDERED FOR AREA 1. SEE SECTION 5 OF THE BASIS OF DESIGN FOR ADDITIONAL INFORMATION.

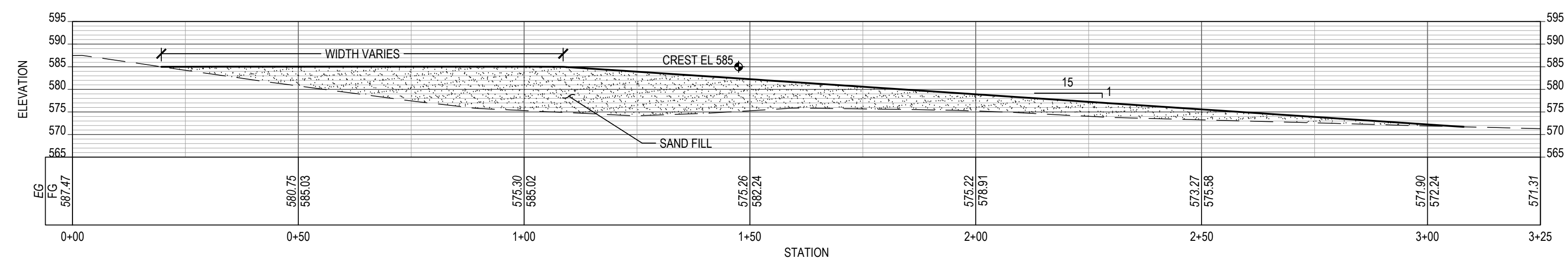
LEGEND

- ARMOR STONE
- FILTER STONE / TOE STONE
- SAND BEACH
- NAVIGATION AID
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- GRADING LIMITS
- COASTAL STRUCTURE SIDE SLOPE
- SECTION - COMPOSITE GEOTEXTILE GEOGRID



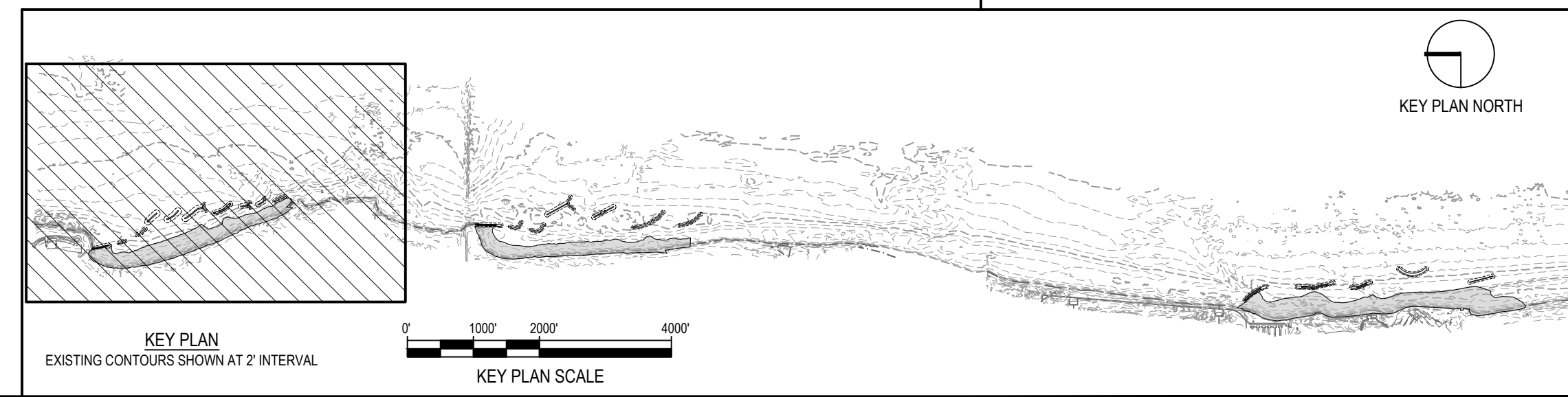
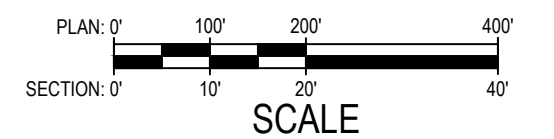
1 AREA 1 BEACH
PLAN

SCALE: 1" = 200'



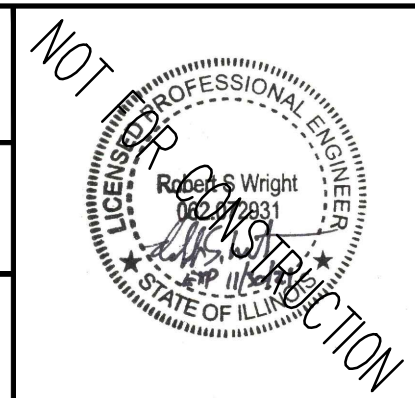
2 AREA 1 BEACH
CROSS-SECTION

SCALE: 1" = 20'



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---



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OVERALL PLAN - AREA 1	PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS	DATE 02/26/2021
	SHEET NO. C-100
	OF (124) SHEETS

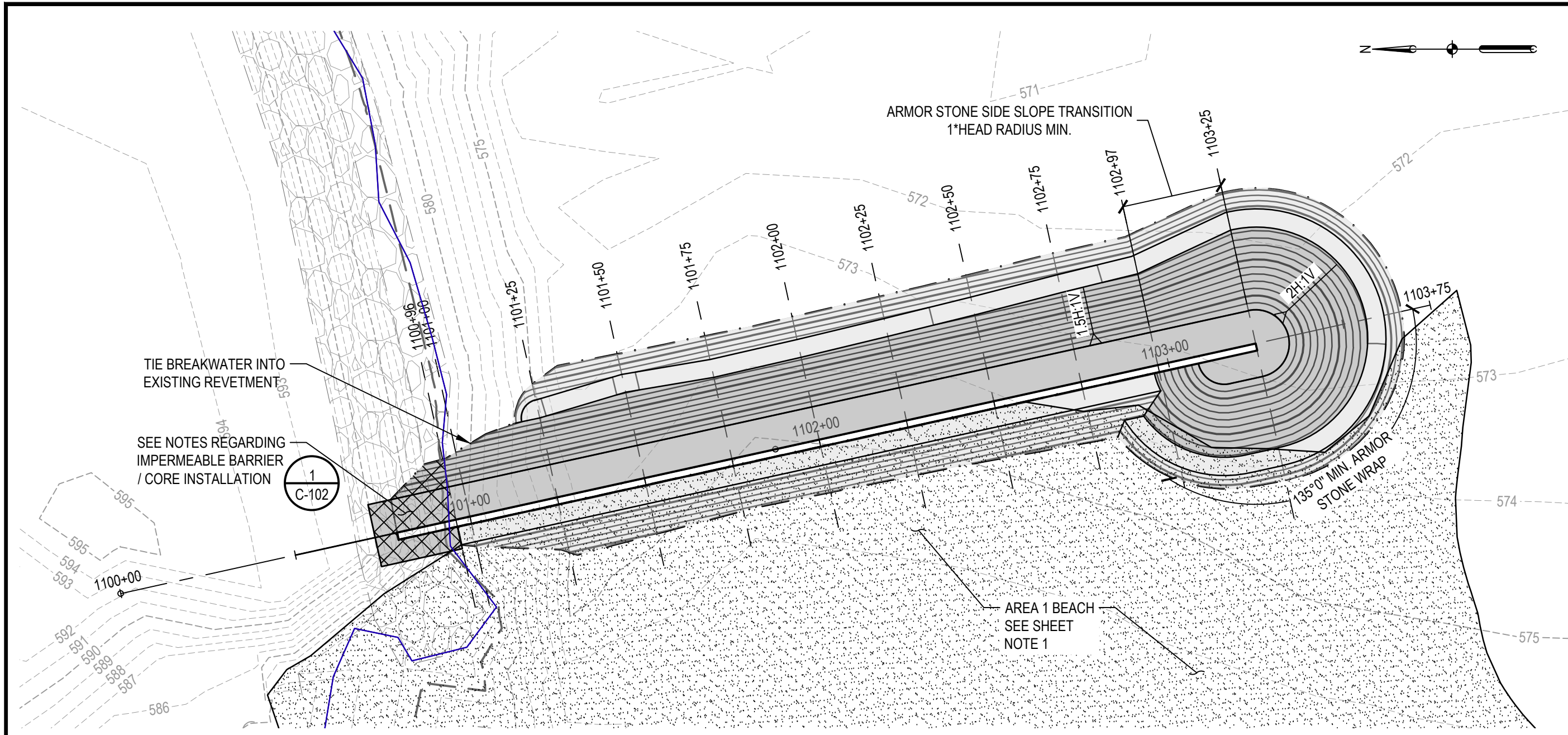
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SHEET NOTES

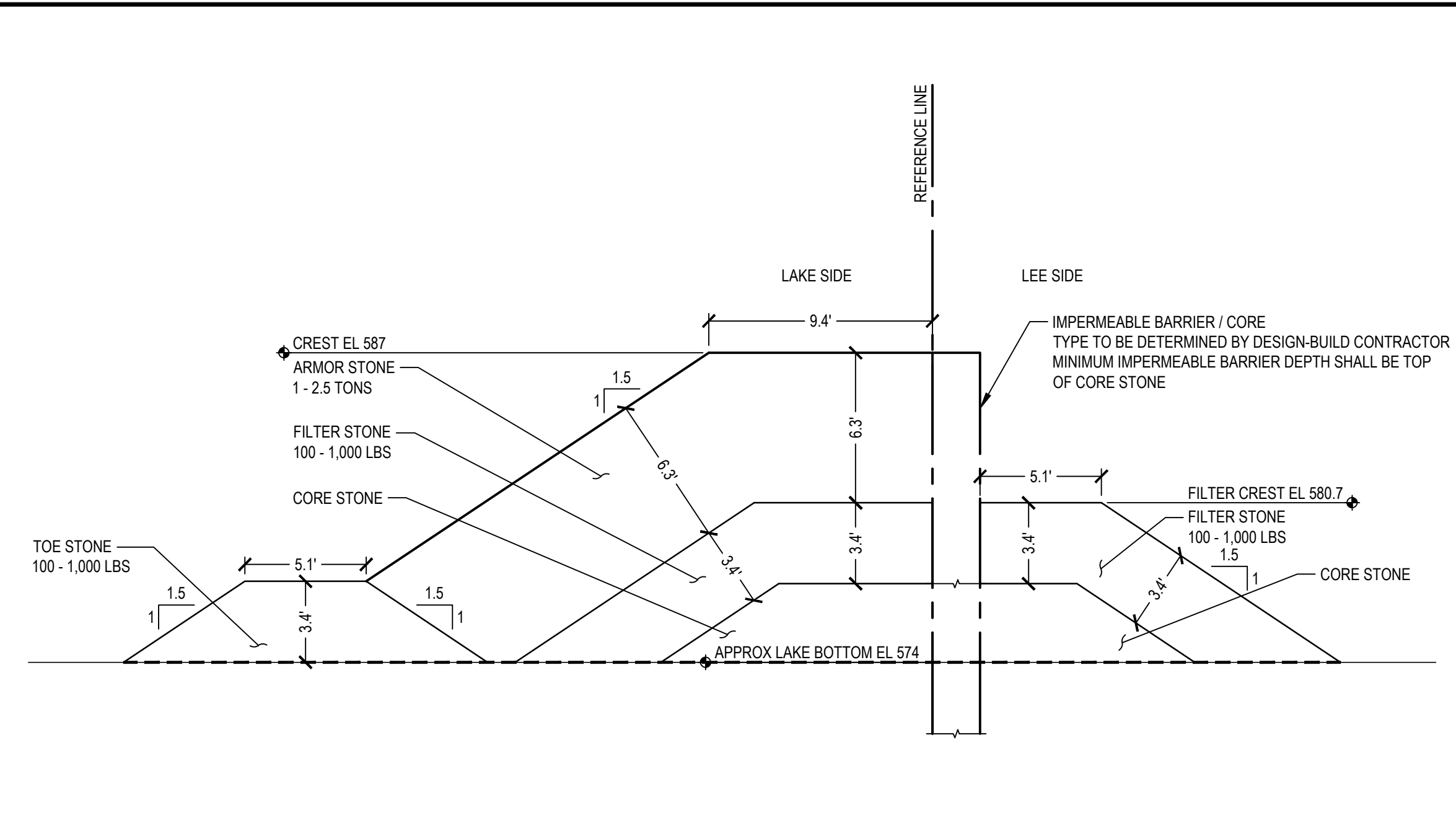
- 1. AREA 1 BEACH CONTOURS NOT SHOWN FOR CLARITY.

LEGEND

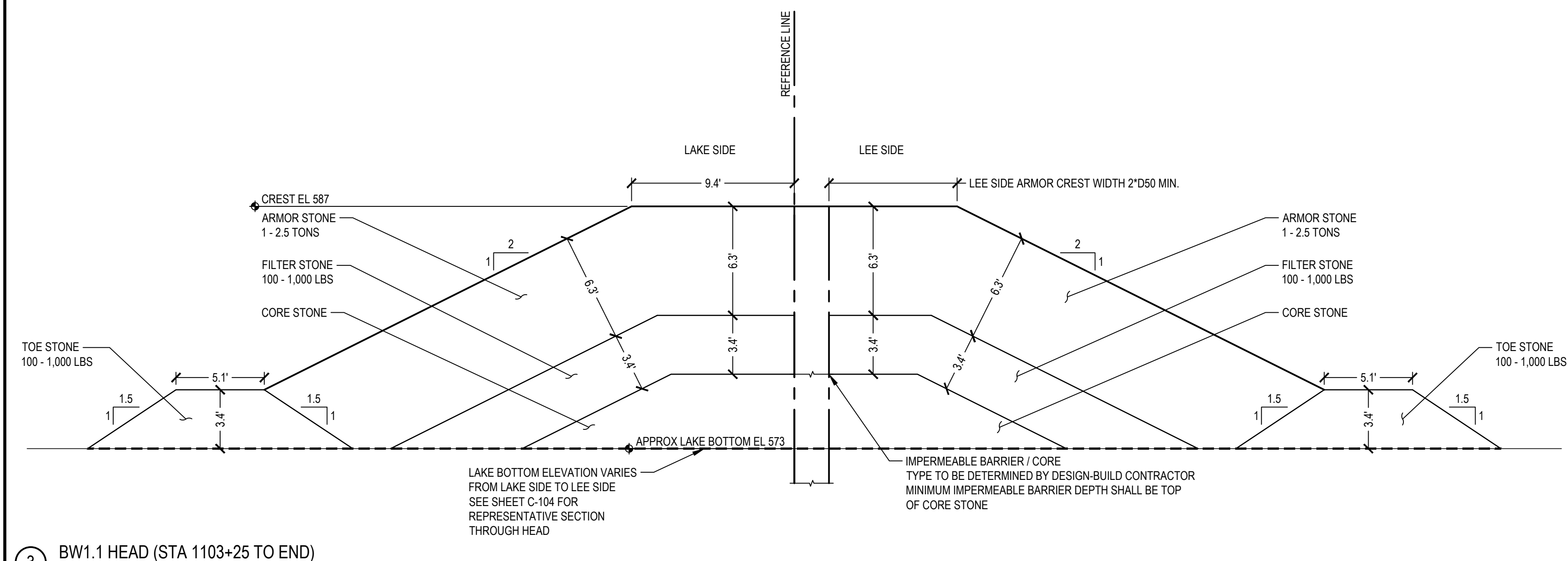
- ARMOR STONE
- FILTER STONE / TOE STONE
- SAND BEACH
- NAVIGATION AID
- 865--- EXISTING MAJOR CONTOUR
- 864--- EXISTING MINOR CONTOUR
- 865--- PROPOSED MAJOR CONTOUR
- 864--- PROPOSED MINOR CONTOUR
- GRADING LIMITS
- 1.5H:1V COASTAL STRUCTURE SIDE SLOPE
- SECTION - COMPOSITE GEOTEXTILE GEOGRID



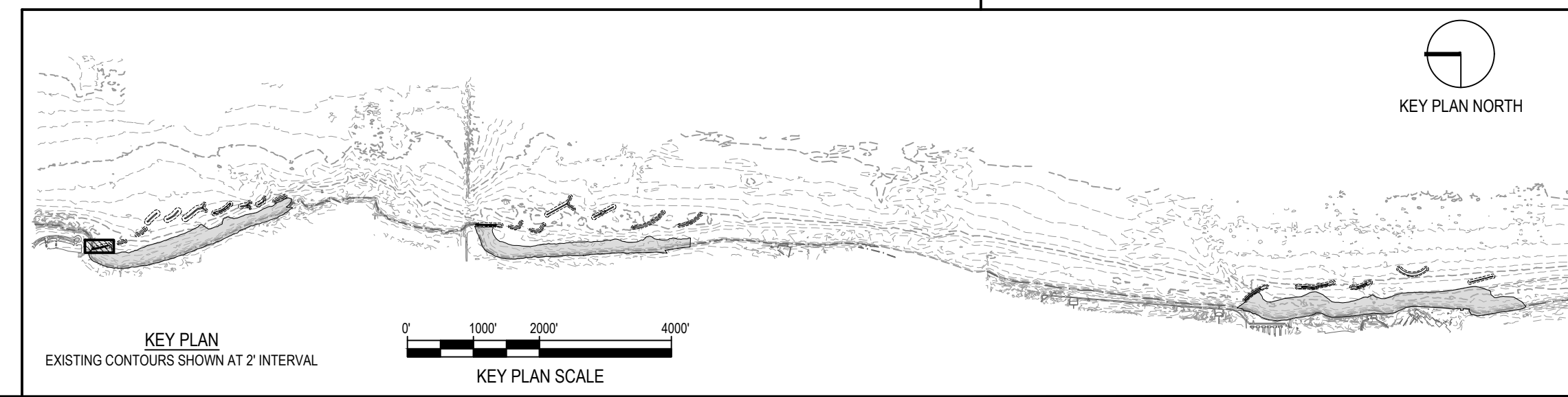
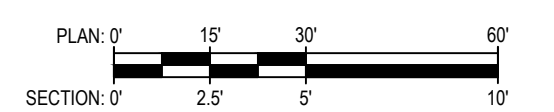
1 BW1.1 LAYOUT & GRADING
PLAN
SCALE: 1" = 30'



2 BW1.1 TRUNK (EXISTING BREAKWATER CONNECTION TO STA 1102+97)
SECTION
SCALE: 1" = 5'

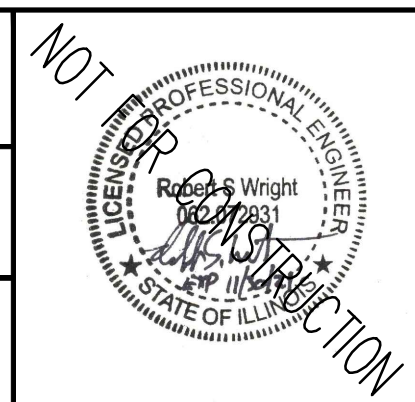


3 BW1.1 HEAD (STA 1103+25 TO END)
SECTION
SCALE: 1" = 5'



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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PLAN & TYPICAL SECTIONS - BW1.1

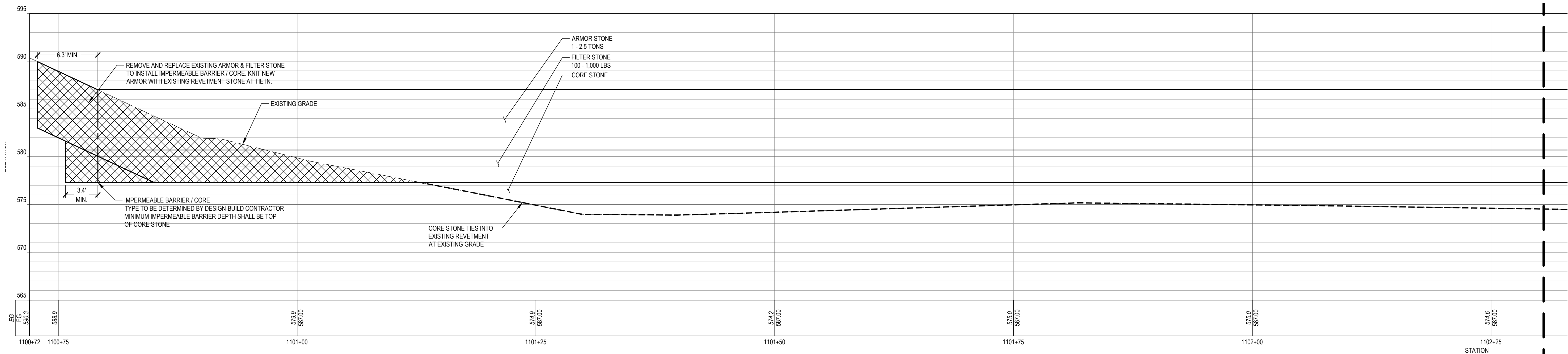
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
1 LAKE FRONT DRIVE
ZION, LAKE COUNTY, ILLINOIS

PROJECT NO.
102-311-099

DATE
02/26/2021

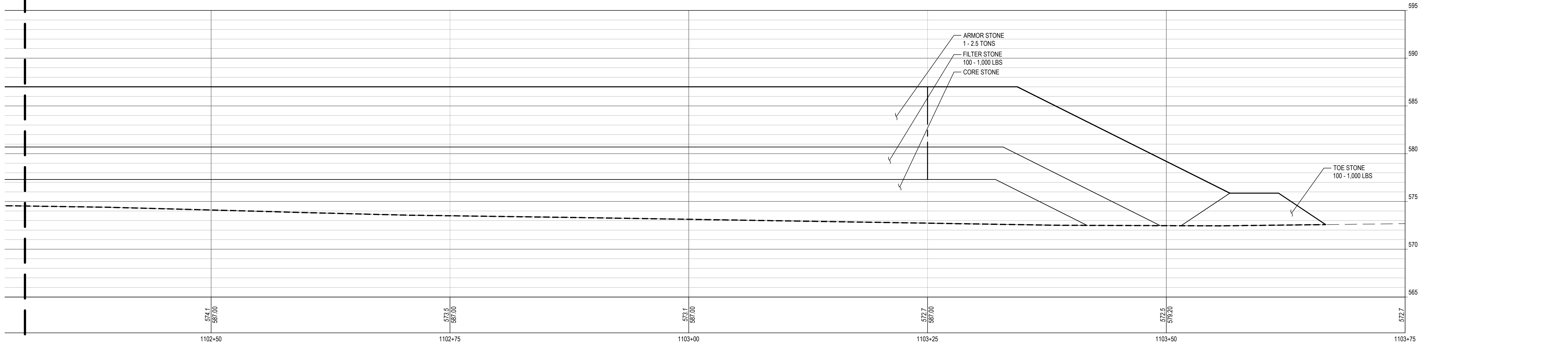
SHEET NO.
C-101

OF (124) SHEETS



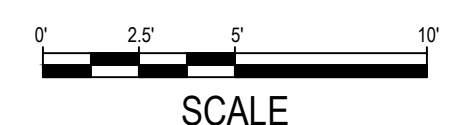
1 BW1.1 PROFILE

SCALE: 1" = 5'



2 BW1.1 PROFILE

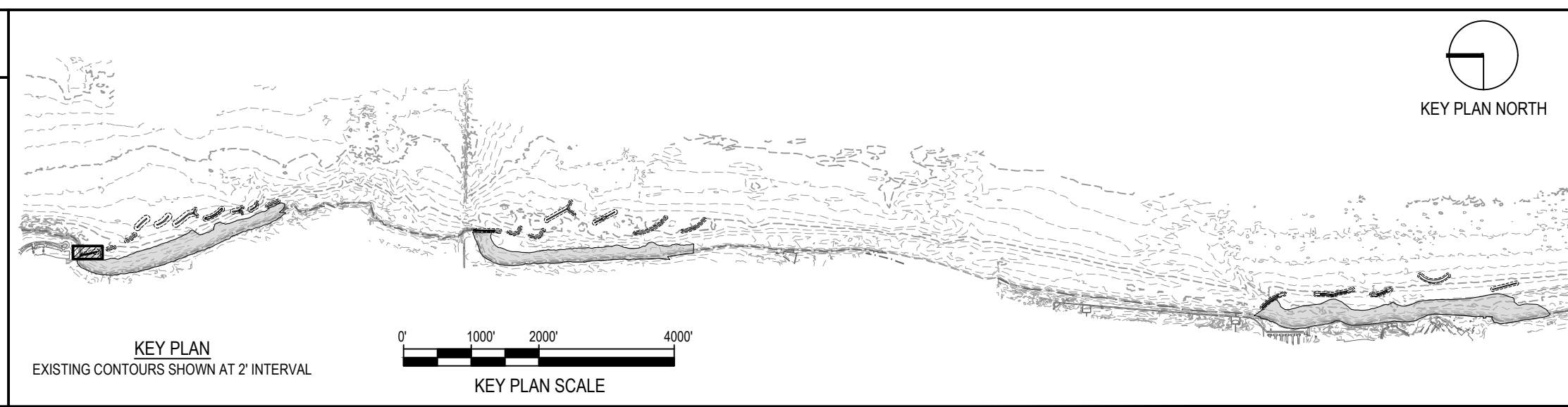
SCALE: 1" = 5'



SHEET NOTES

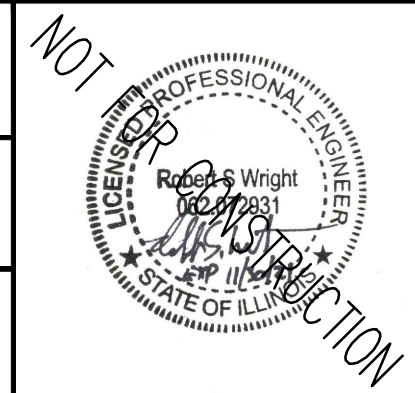
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
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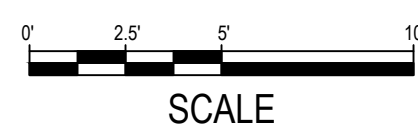
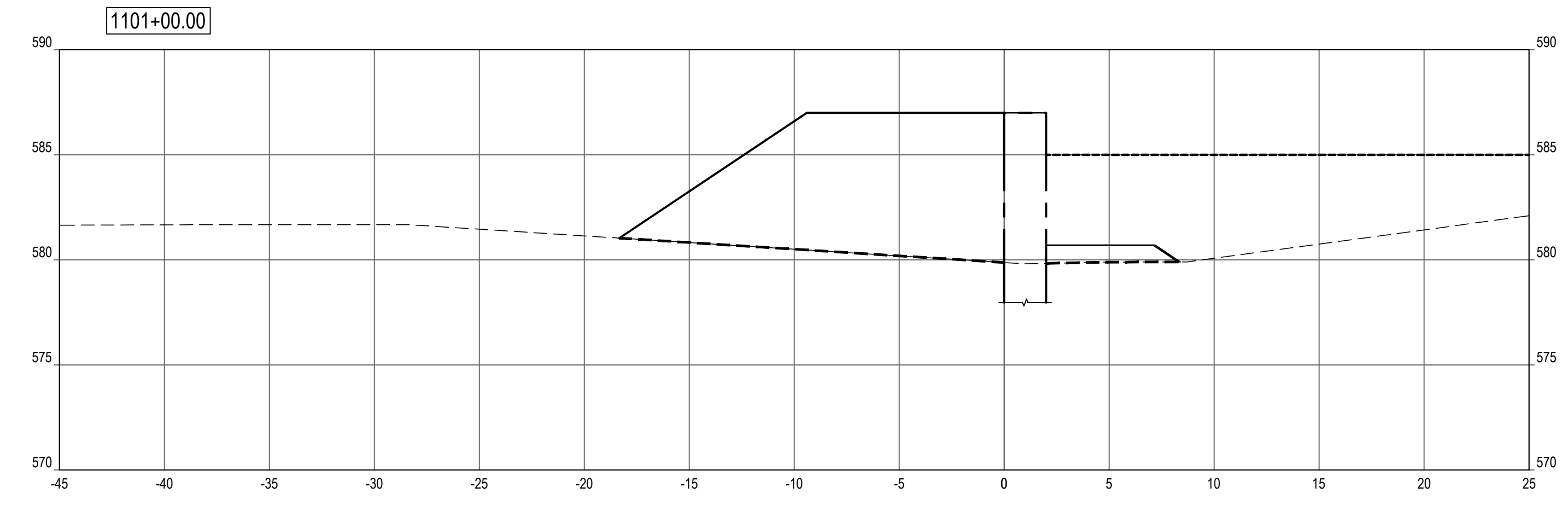
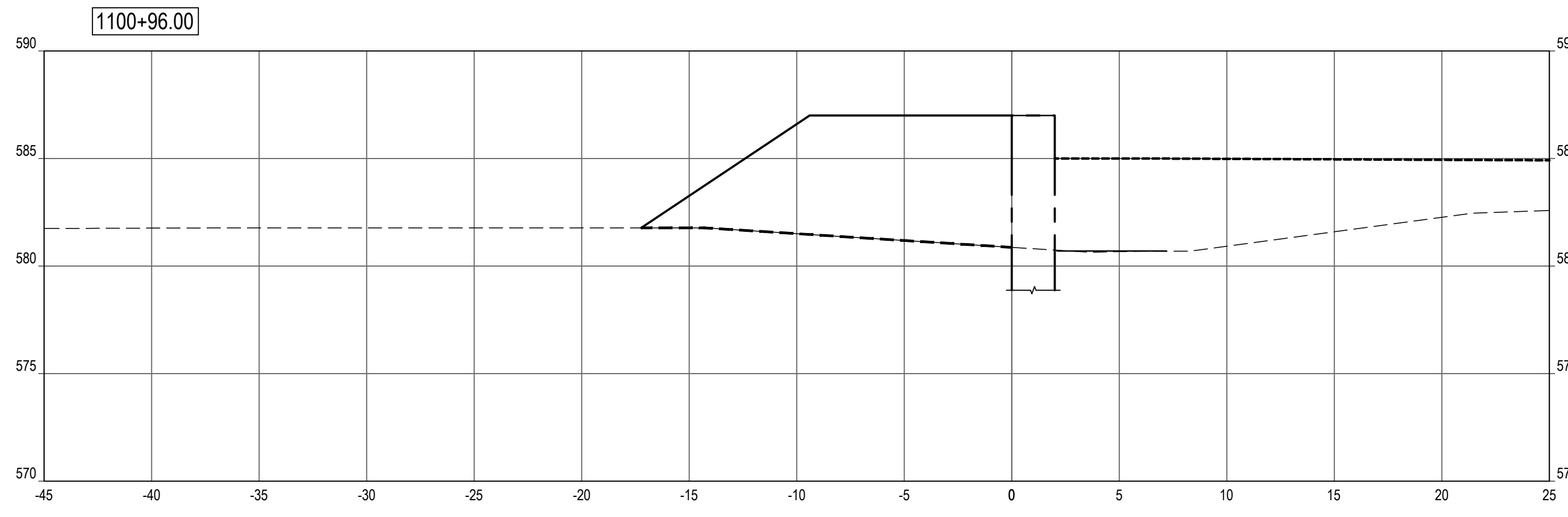
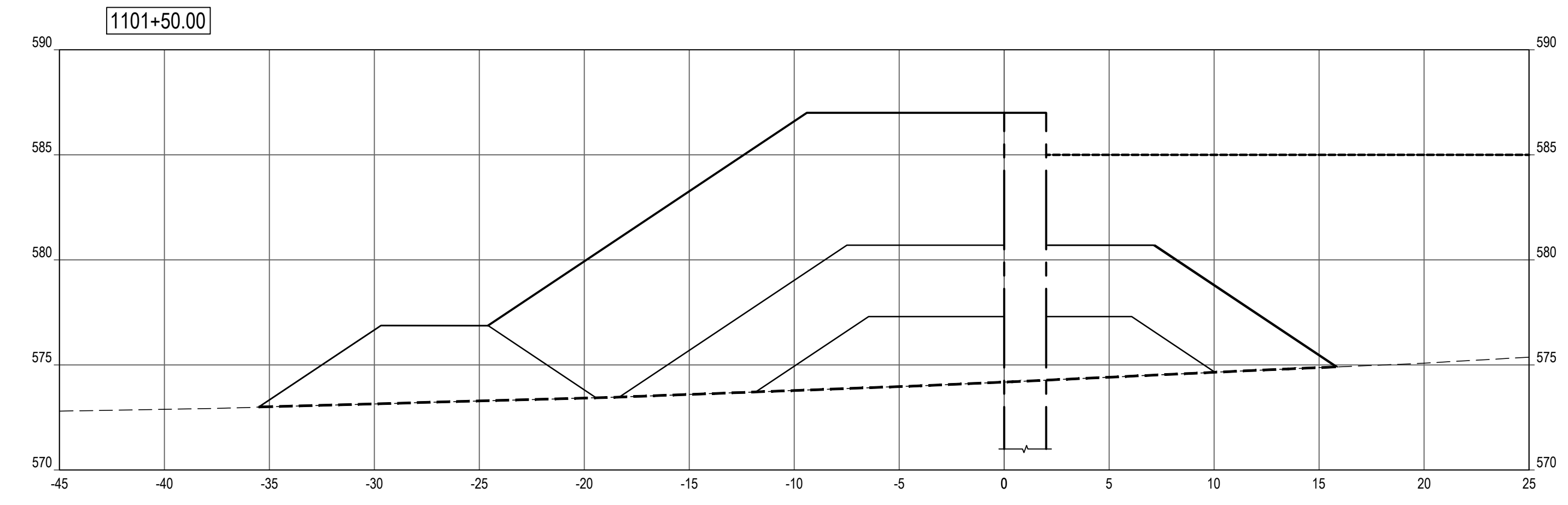
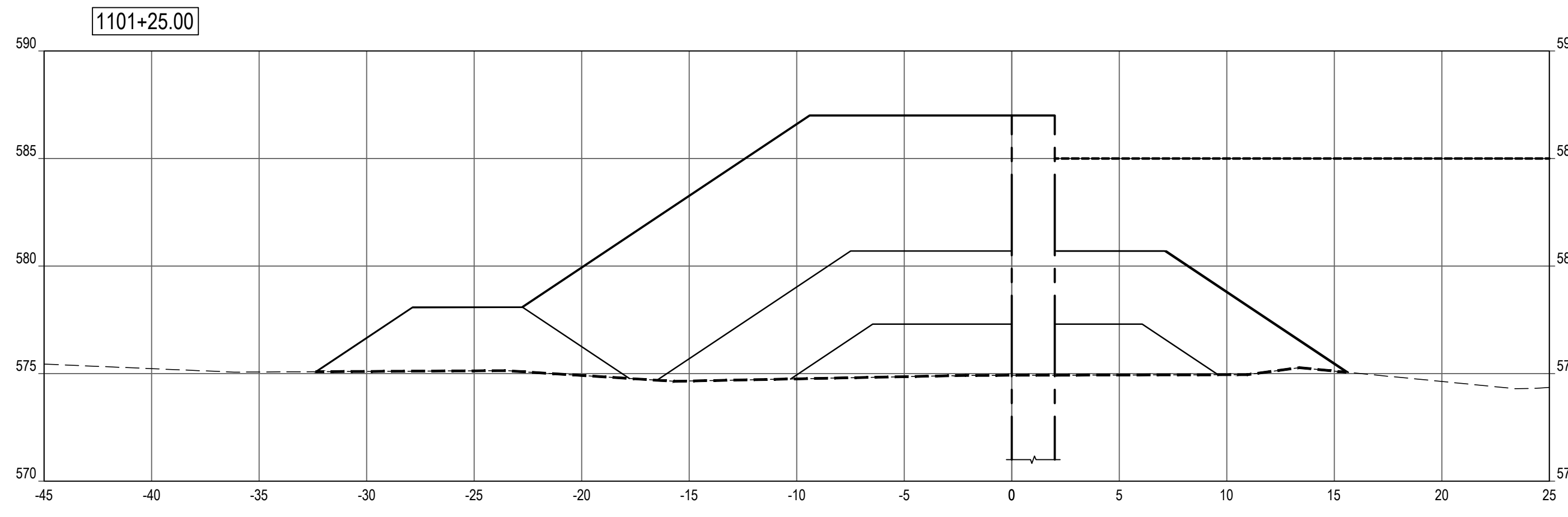
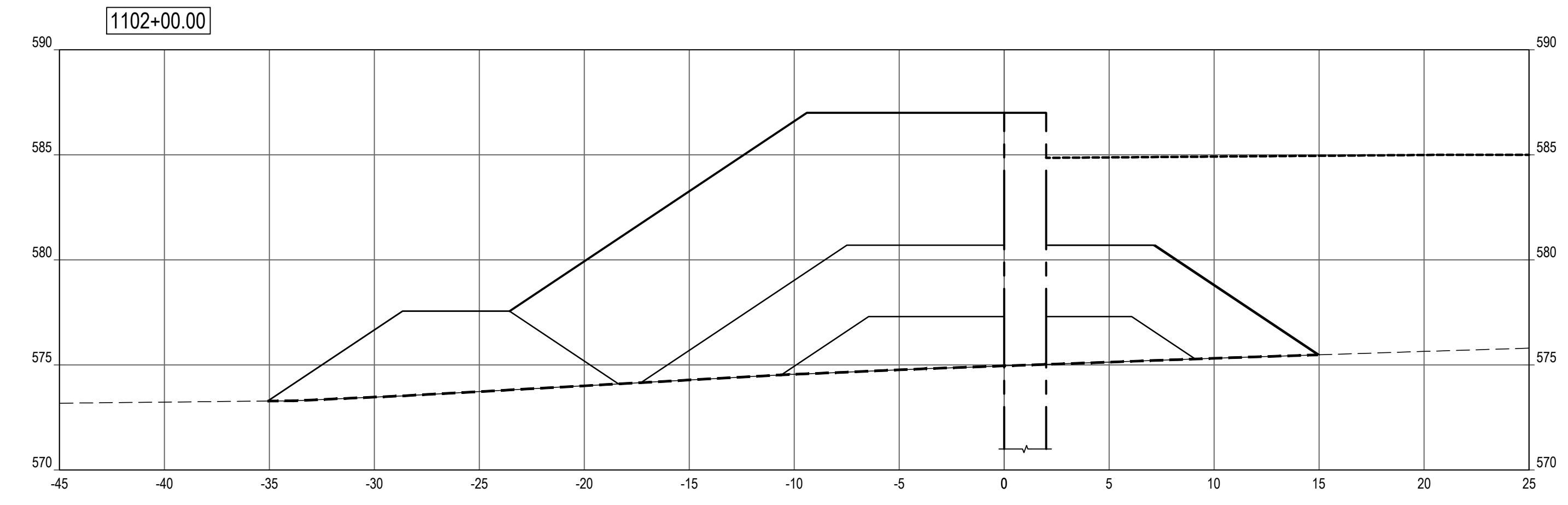
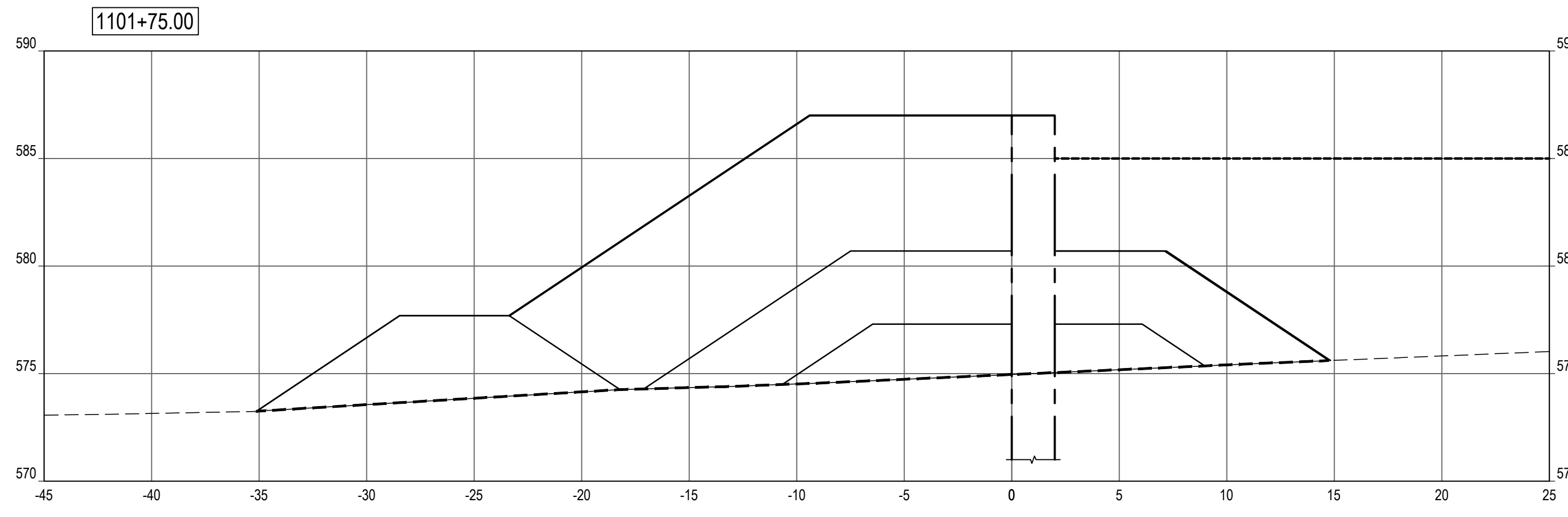
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MADISON, WI 53703
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State of Illinois
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Illinois Capital Development Board

PROFILE - BW1.1	PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION	DATE 02/26/2021
1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS	SHEET NO. C-102
OF (124) SHEETS	

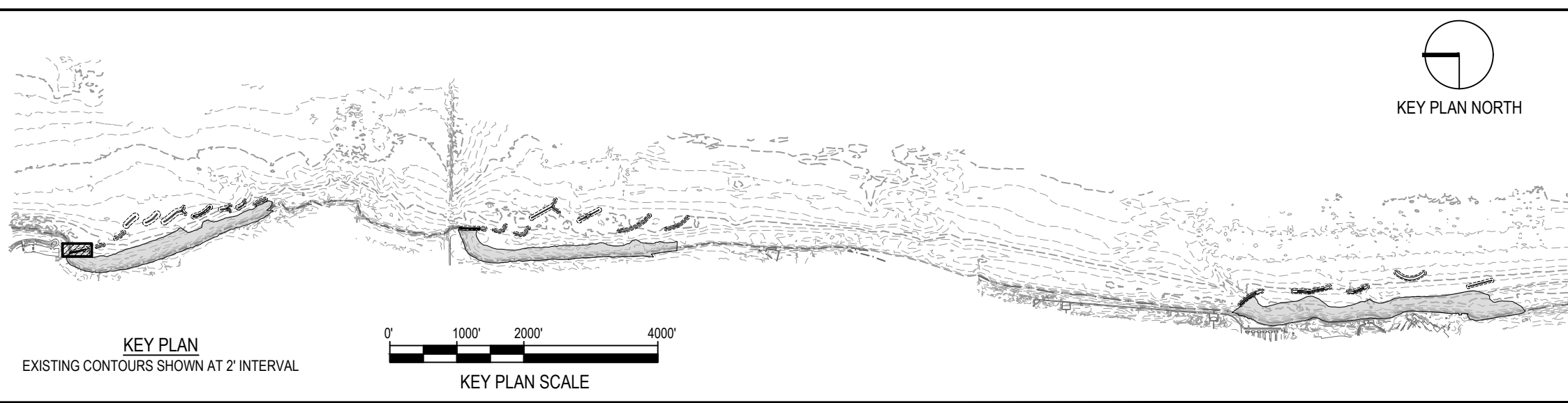
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SHEET NOTES

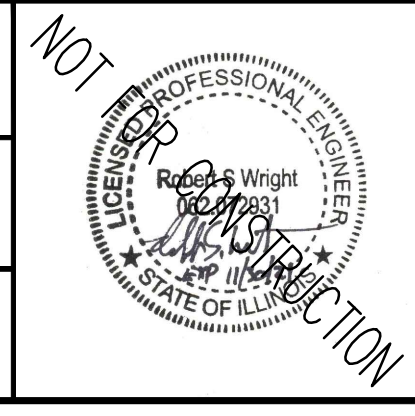
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- · · PROFILE - FINISH GRADE AT REFERENCE LINE
- - - PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- - - SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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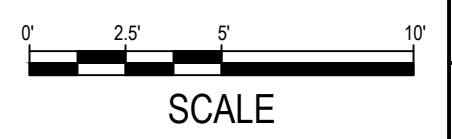
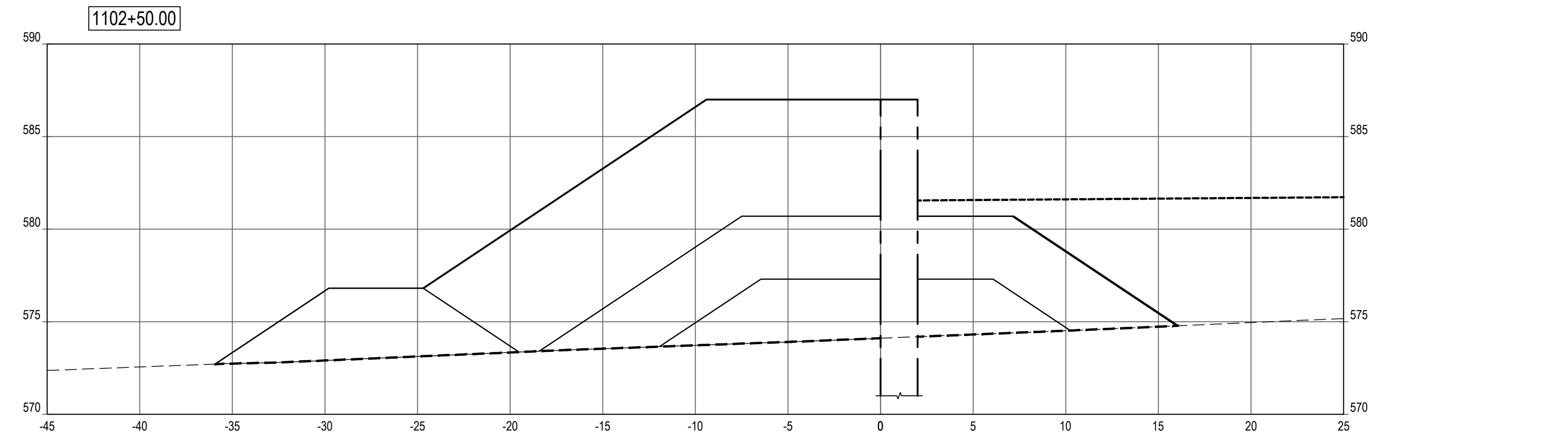
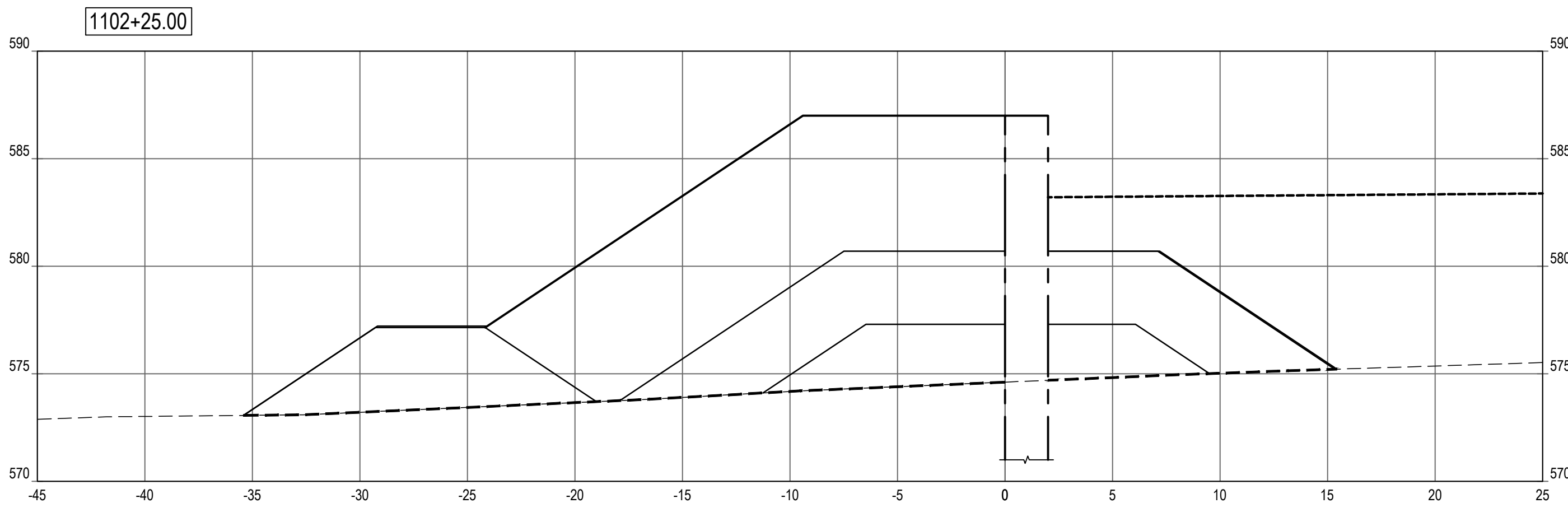
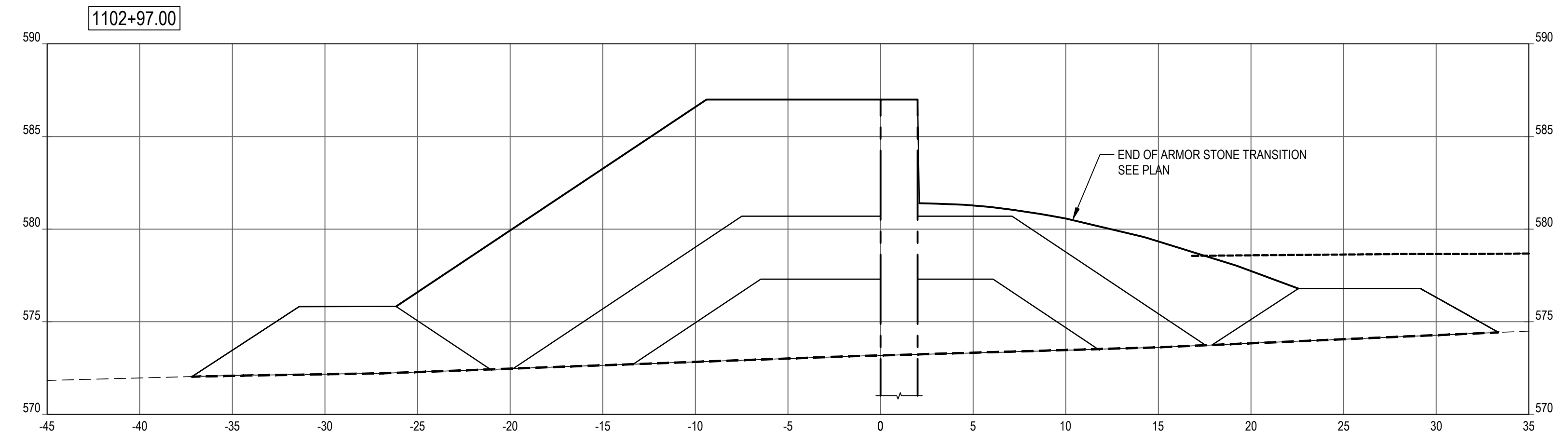
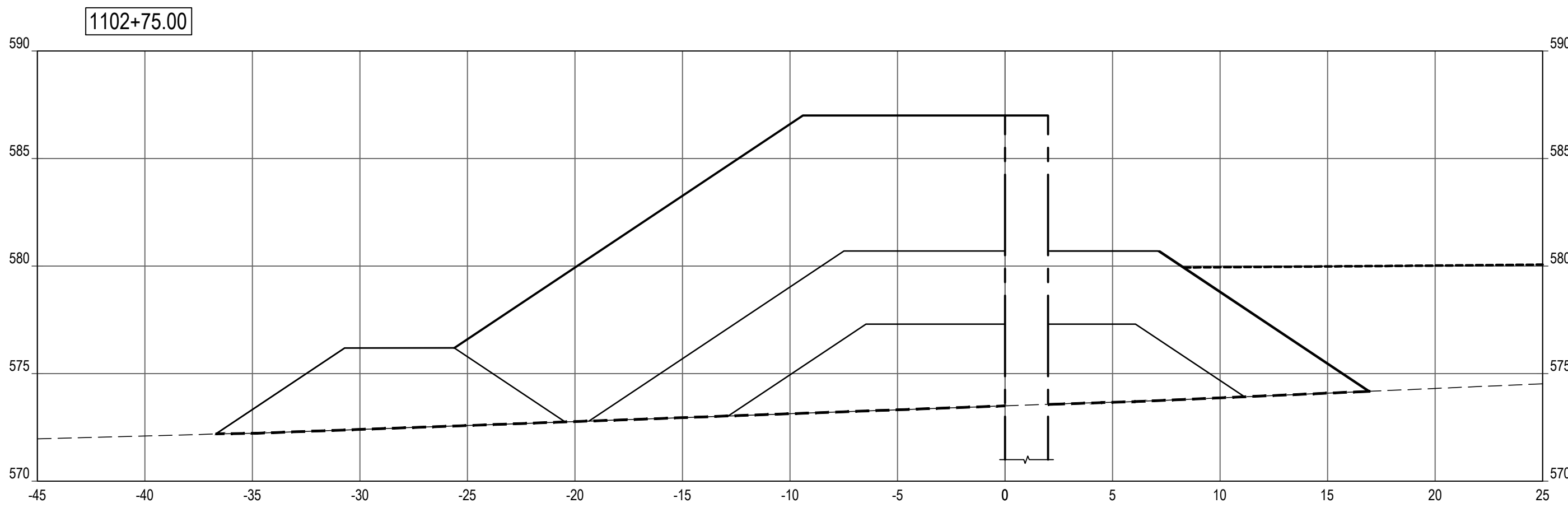
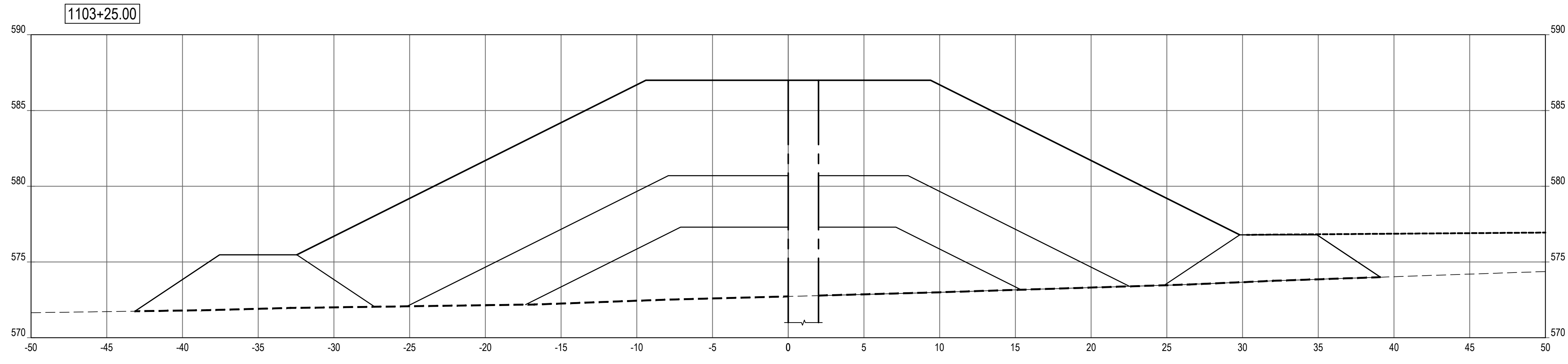


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SECTIONS - BW1.1 (STA 1100+96 TO 1102+00)
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-103**
 OF (124) SHEETS

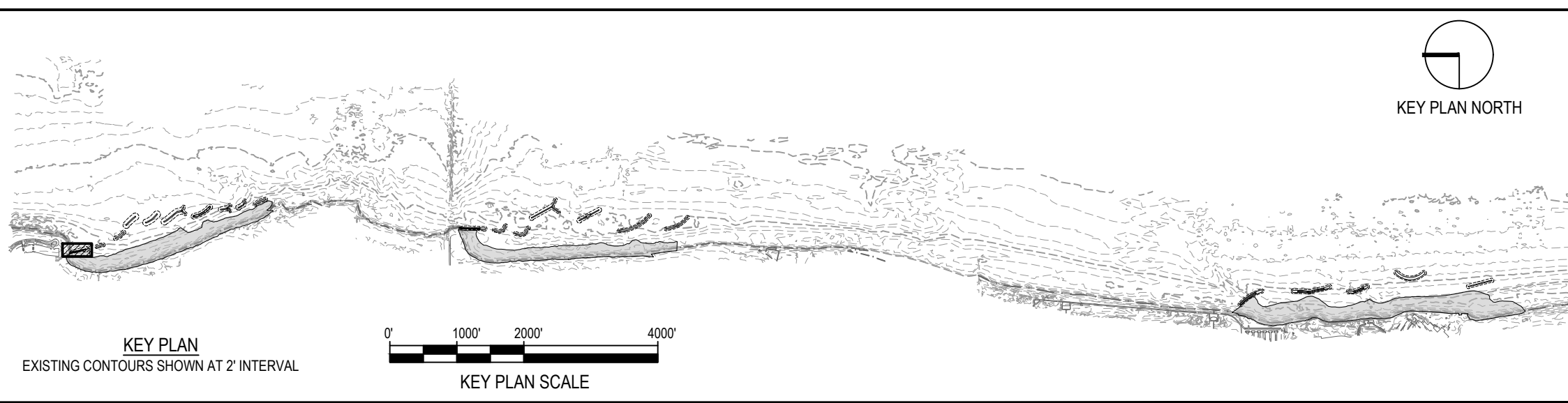
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SHEET NOTES

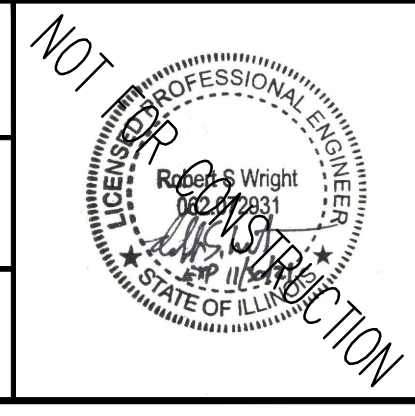
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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SECTIONS - BW1.1 (STA 1102+25 TO 1103+25)
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

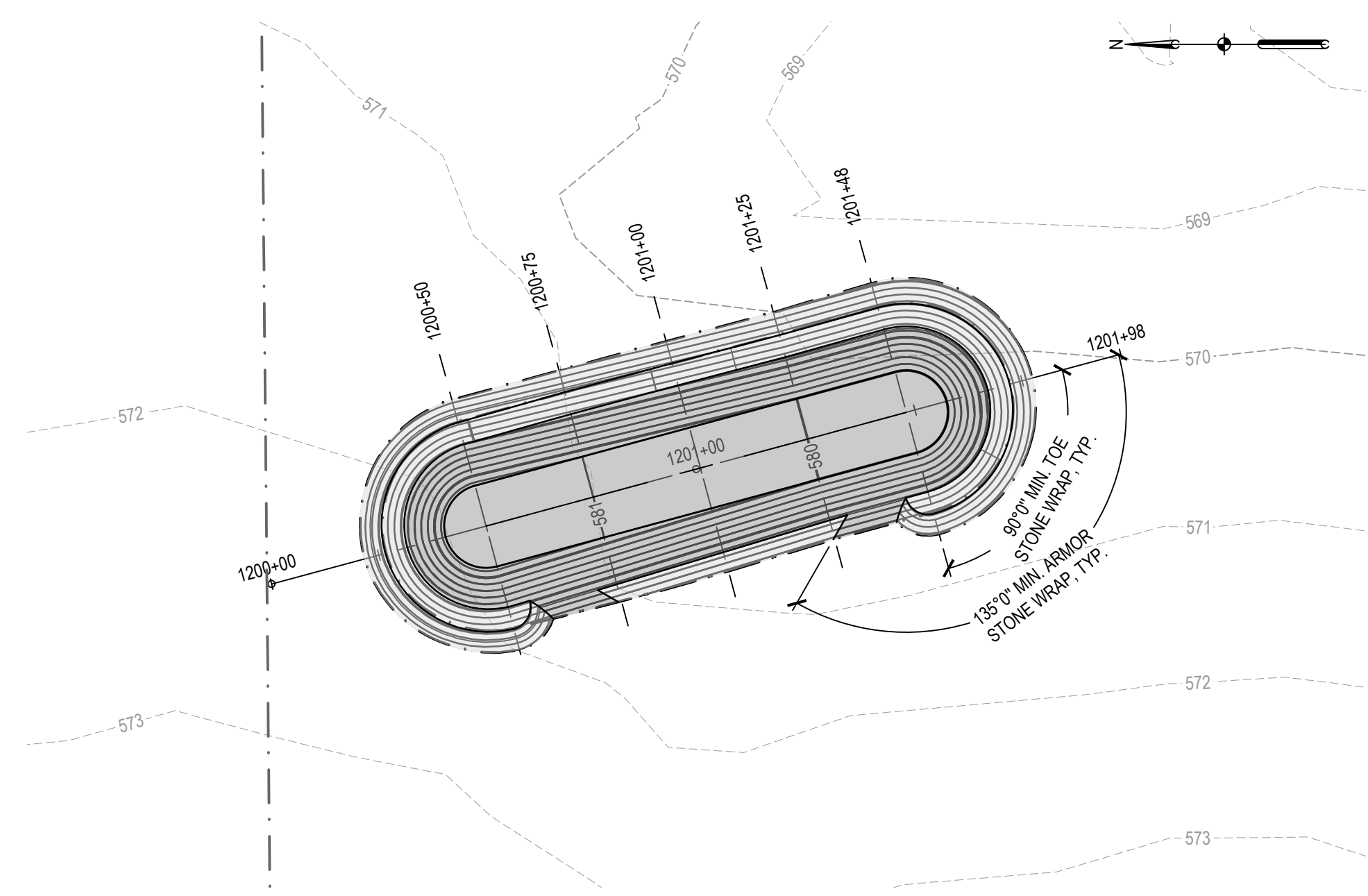
PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-104**
 OF (124) SHEETS

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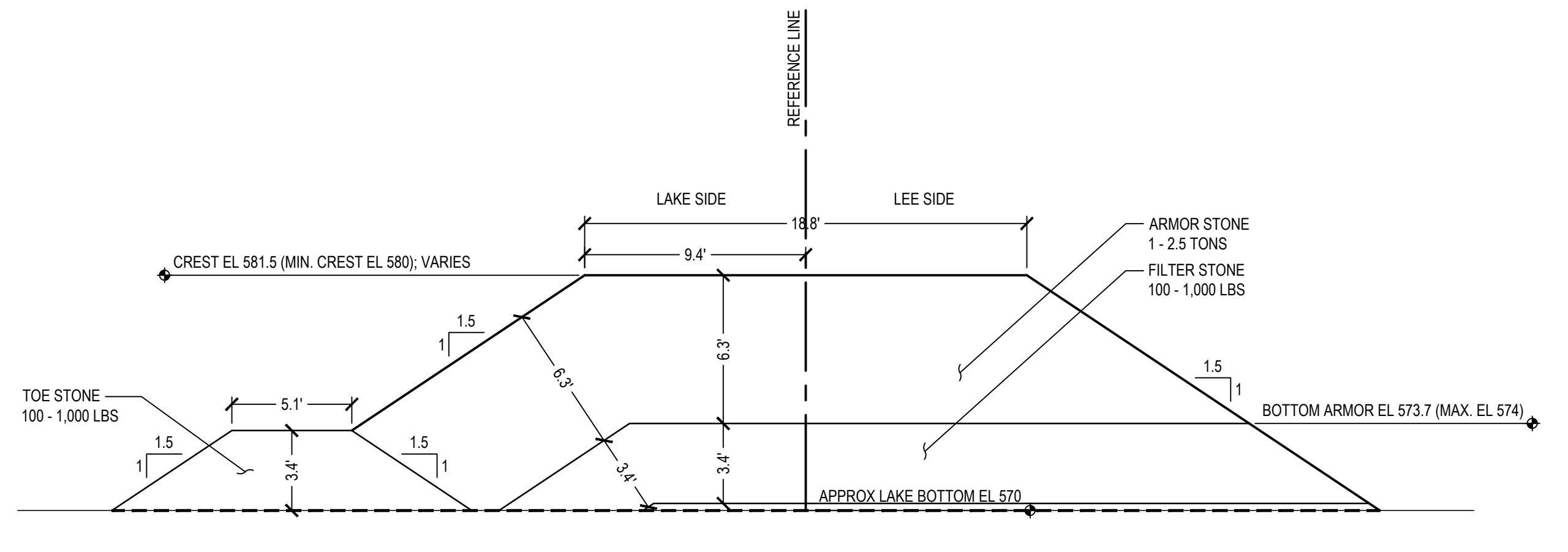
SHEET NOTES

LEGEND

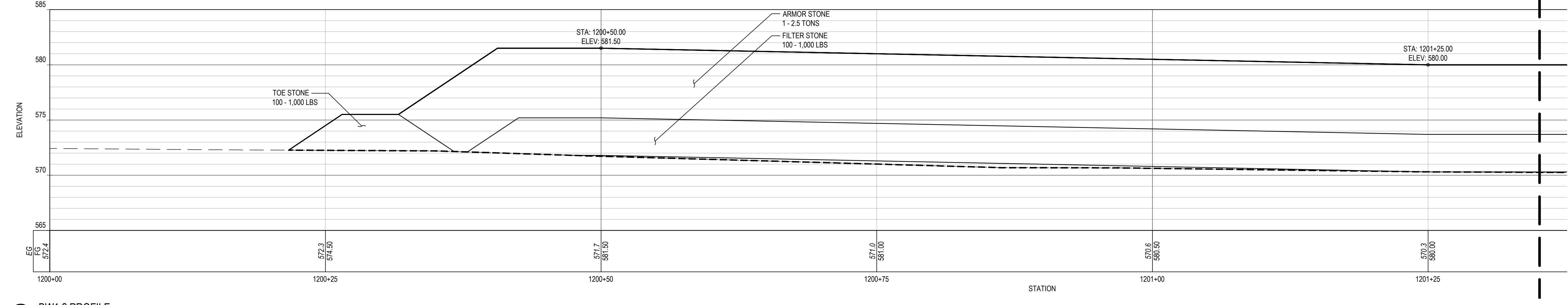
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-  FILTER STONE / TOE STONE
-  SAND BEACH
-  NAVIGATION AID
-  ---865--- EXISTING MAJOR CONTOUR
-  ---864--- EXISTING MINOR CONTOUR
-  ---865--- PROPOSED MAJOR CONTOUR
-  ---864--- PROPOSED MINOR CONTOUR
-  GRADING LIMITS
-  1.5H:1V COASTAL STRUCTURE SIDE SLOPE
-  - - - - SECTION - COMPOSITE GEOTEXTILE GEOGRID



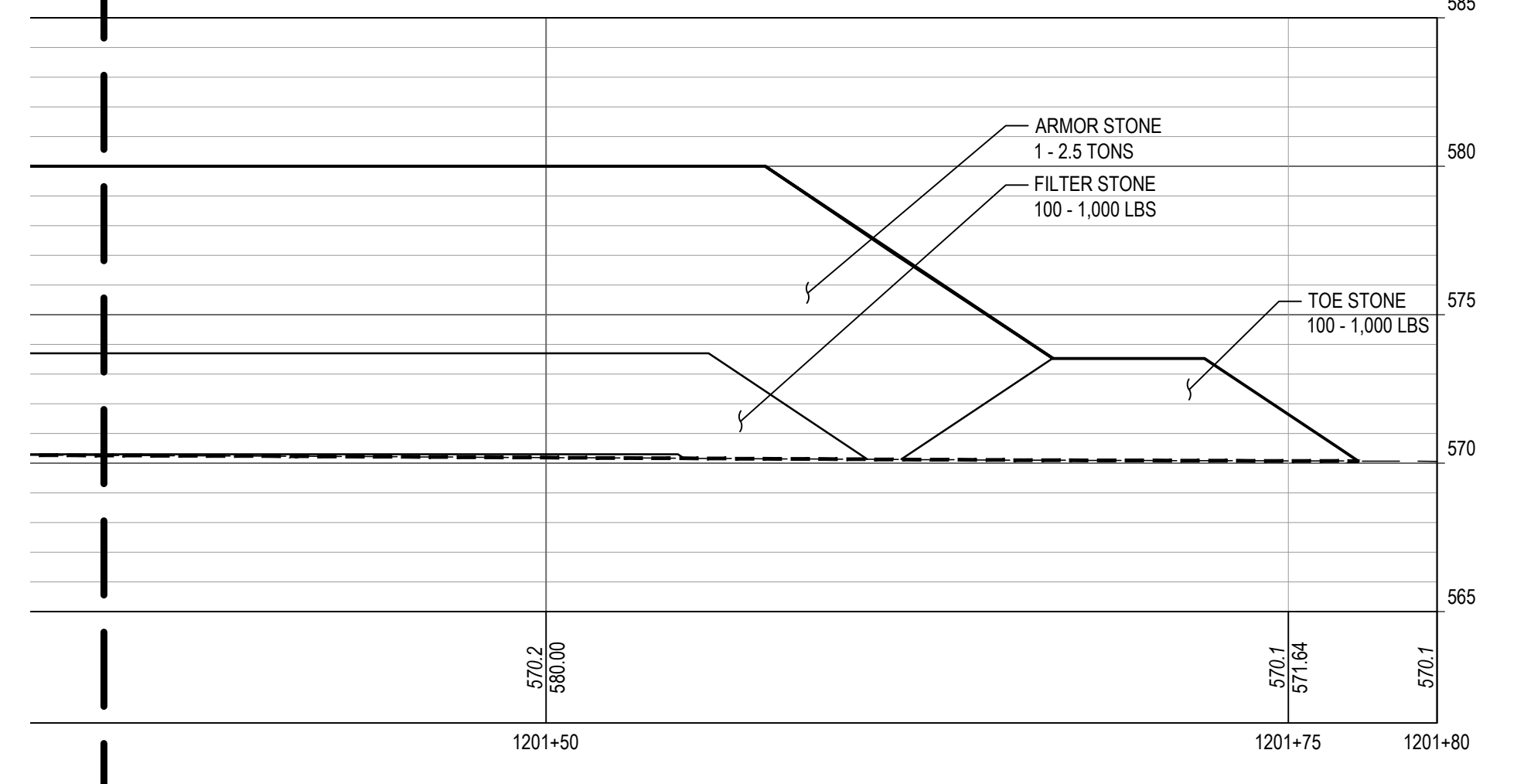
1 BW1.2 LAYOUT & GRADING
PLAN SCALE: 1" = 30'



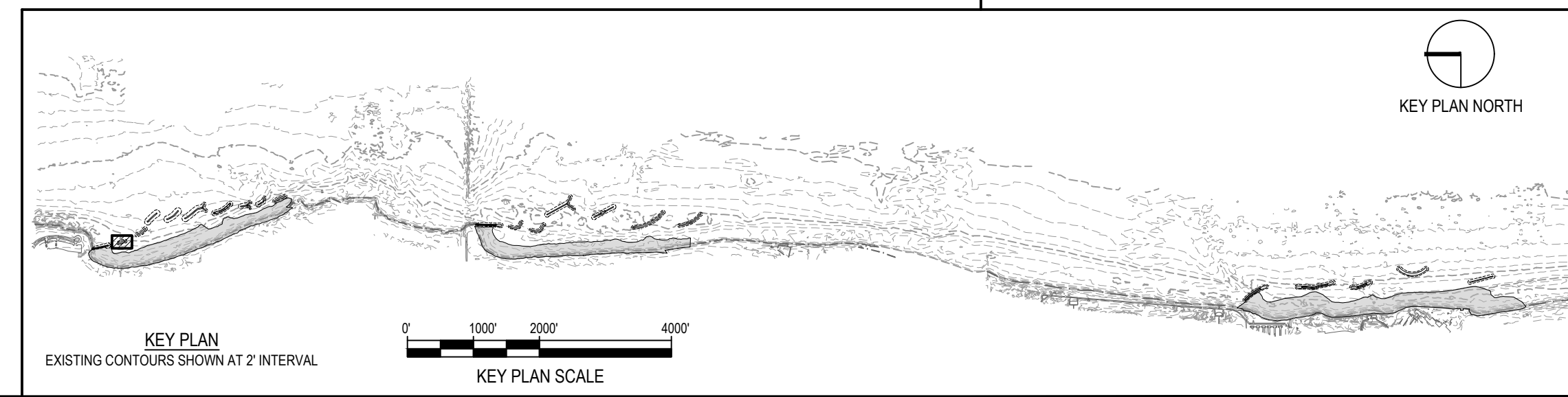
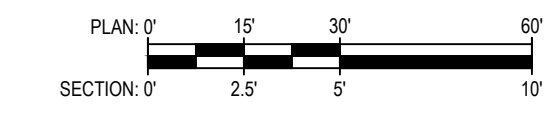
2 BW1.2 TRUNK
SECTION SCALE: 1" = 5'



3 BW1.2 PROFILE
SCALE: 1" = 5'

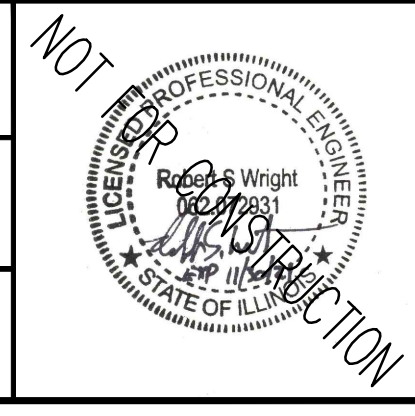


4 BW1.2 PROFILE
SCALE: 1" = 5'

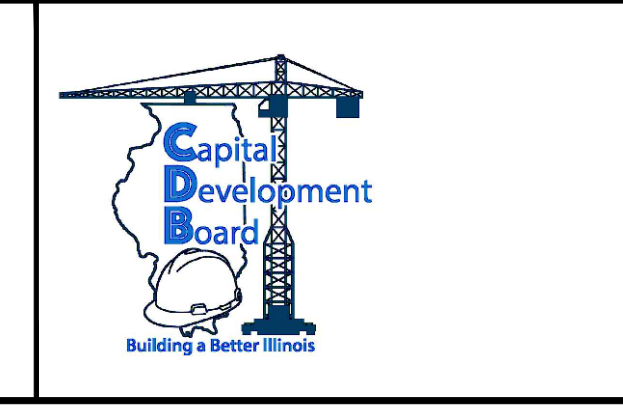


NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---

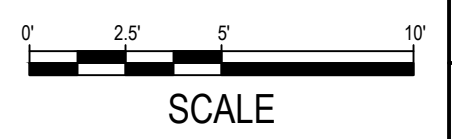
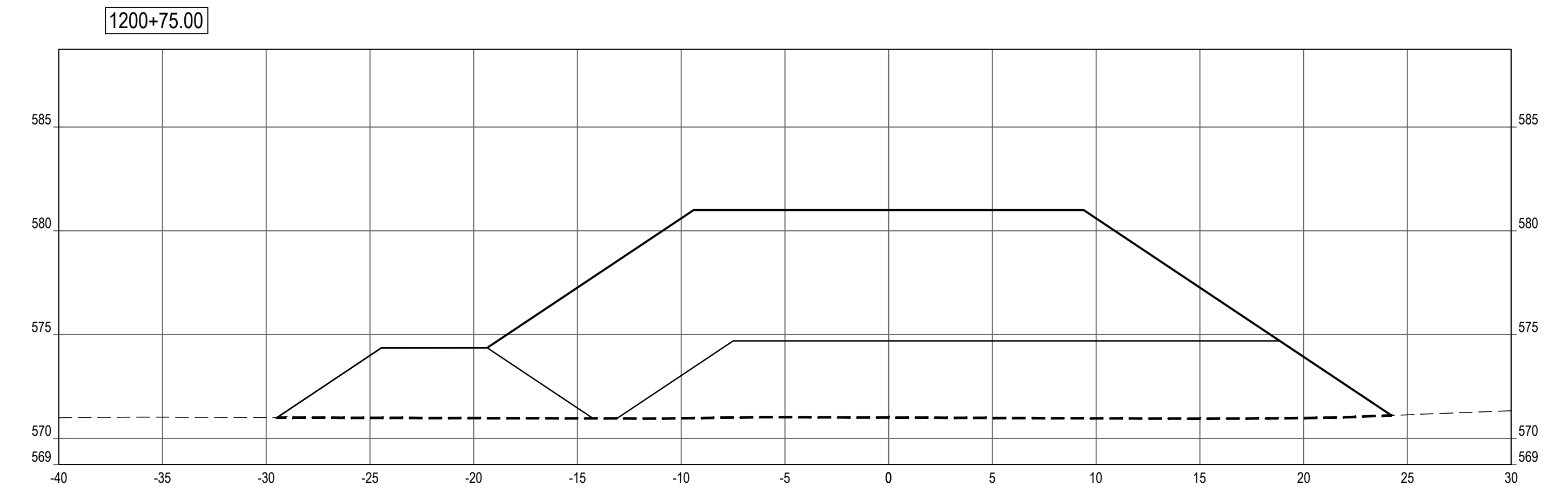
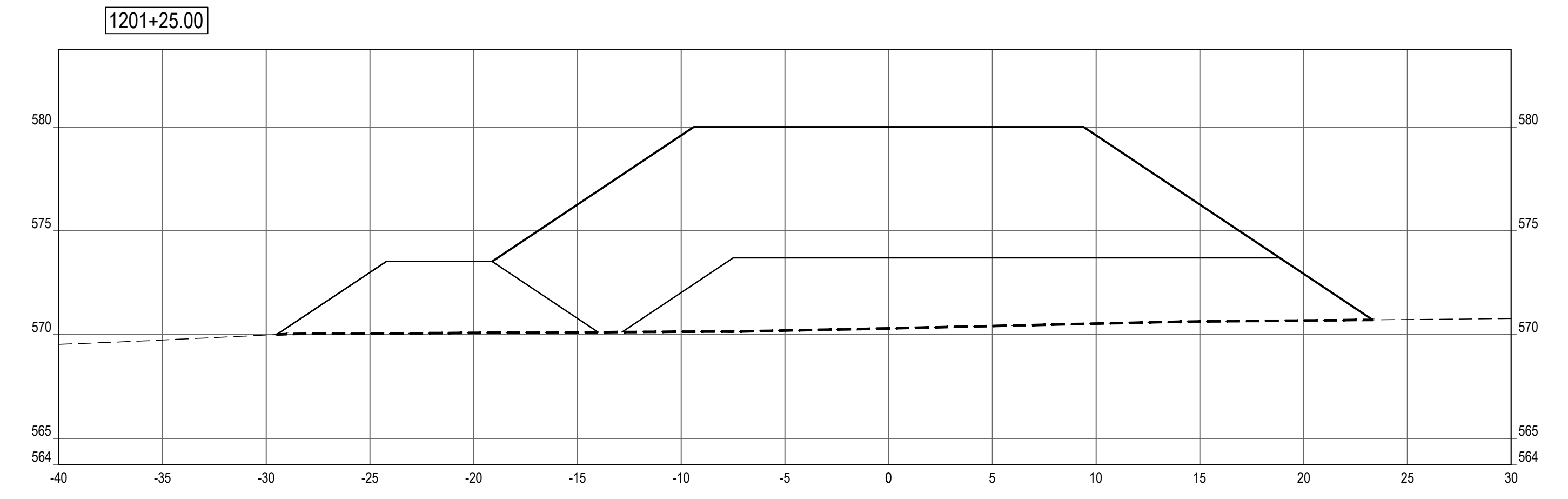
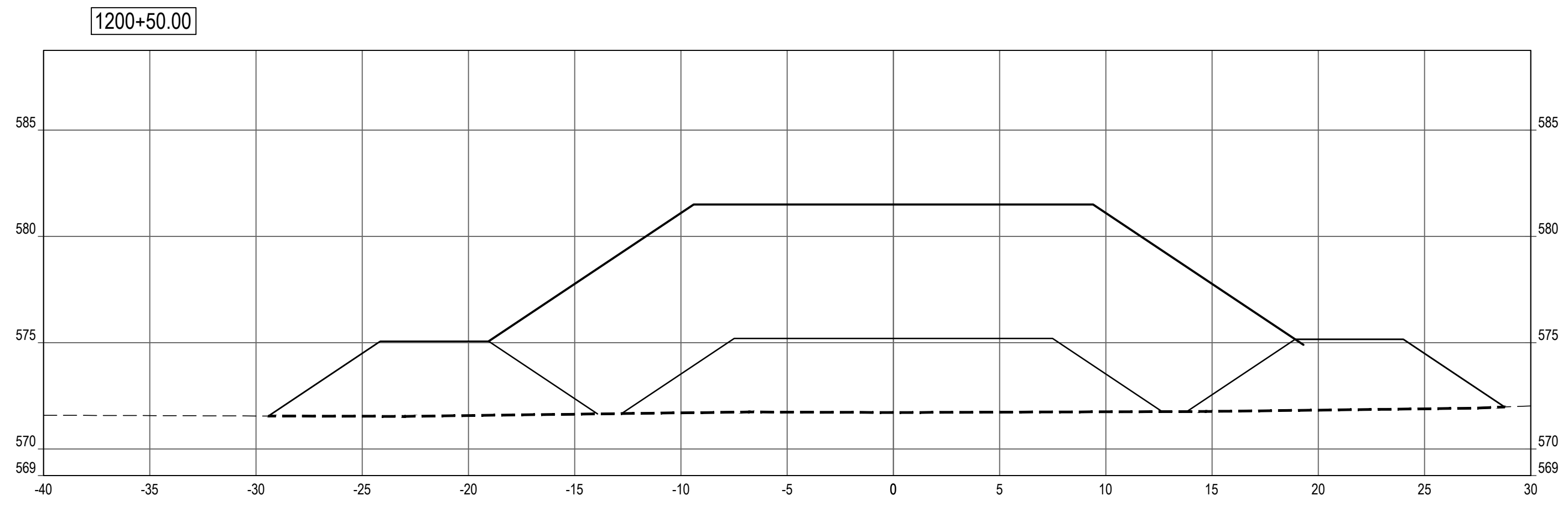
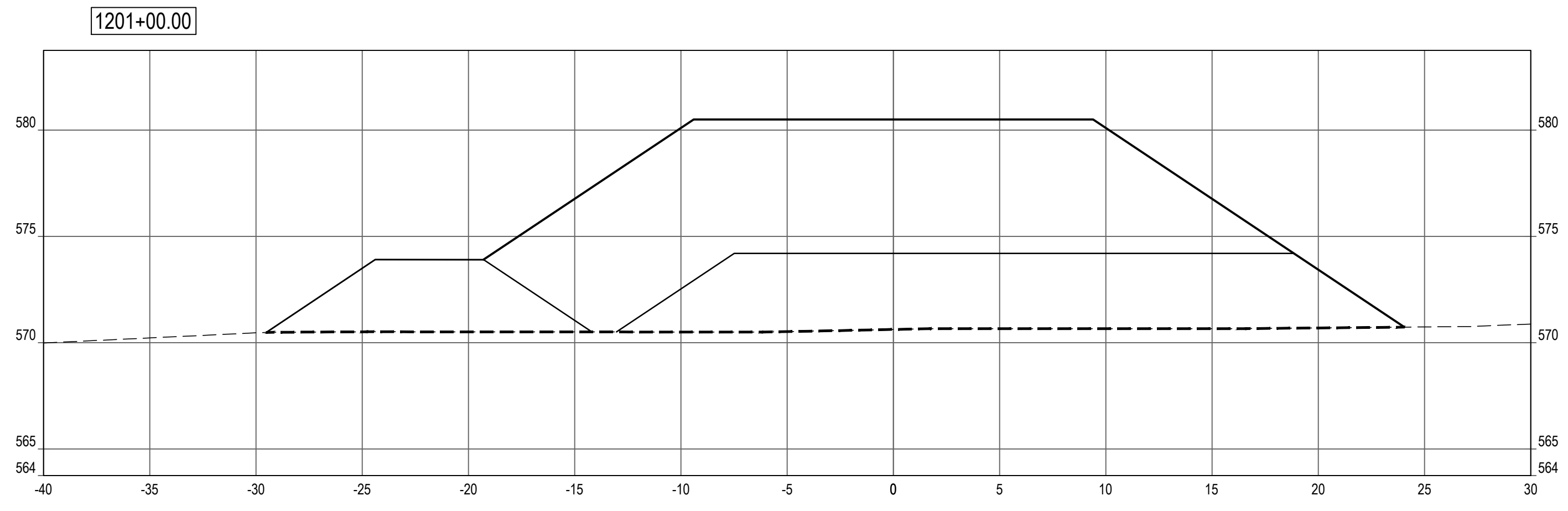
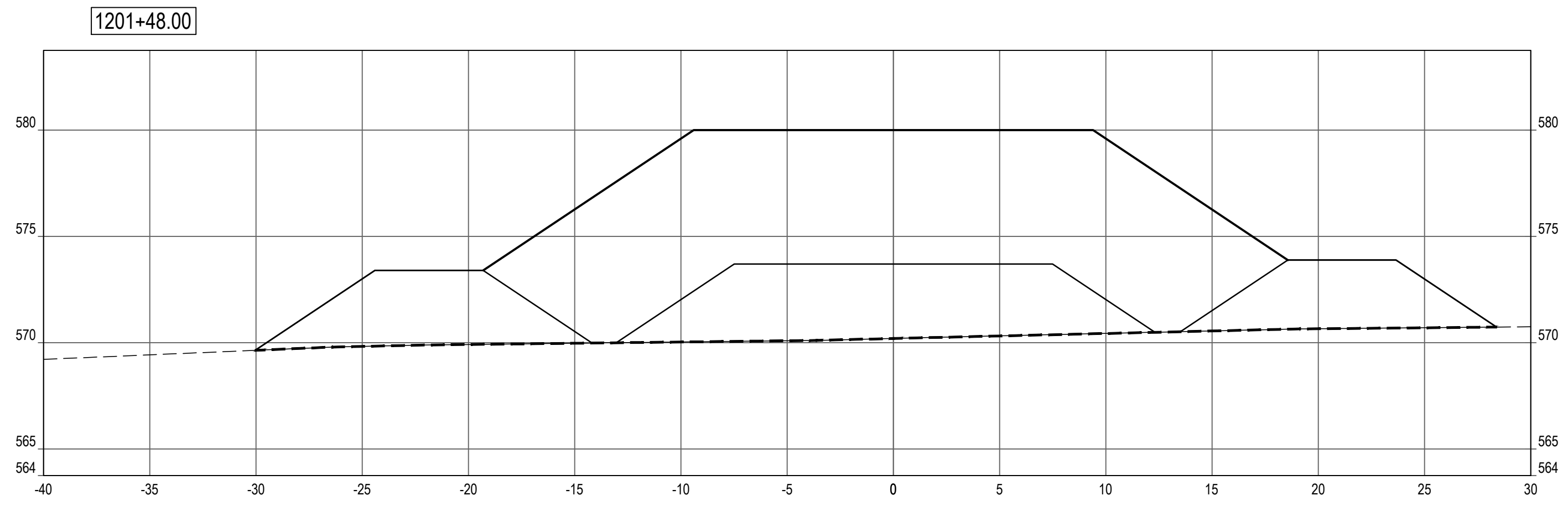


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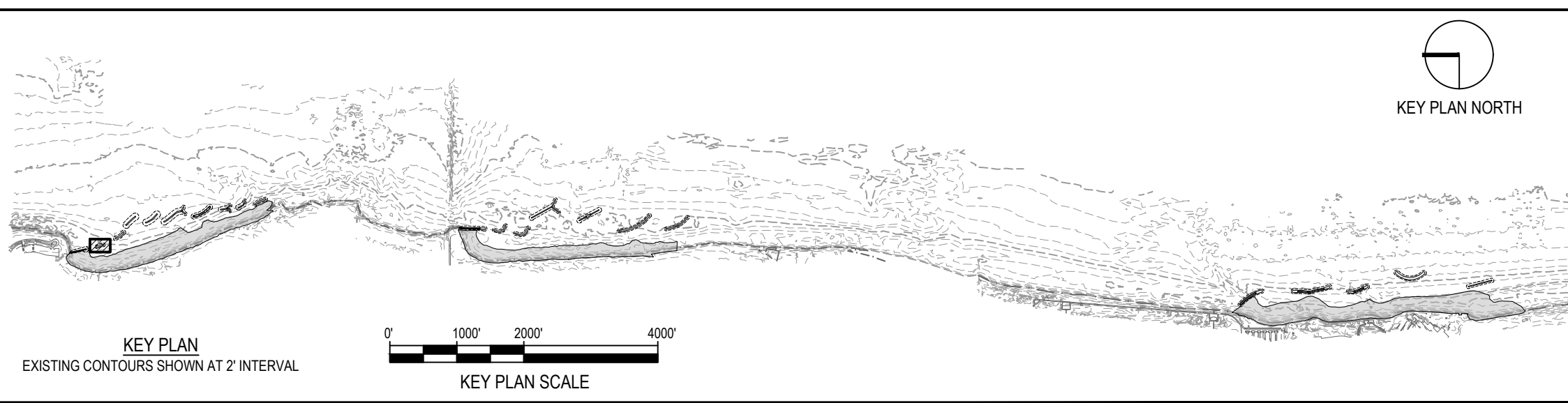
PLAN, TYPICAL SECTION & PROFILE - BW1.2		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-105
		OF (124) SHEETS



SHEET NOTES

LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- - - - PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- - - - SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---

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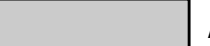
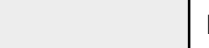
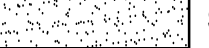



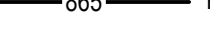
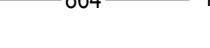
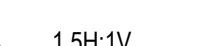


SECTIONS - BW1.2 (STA 1200+50 TO 1201+48)
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

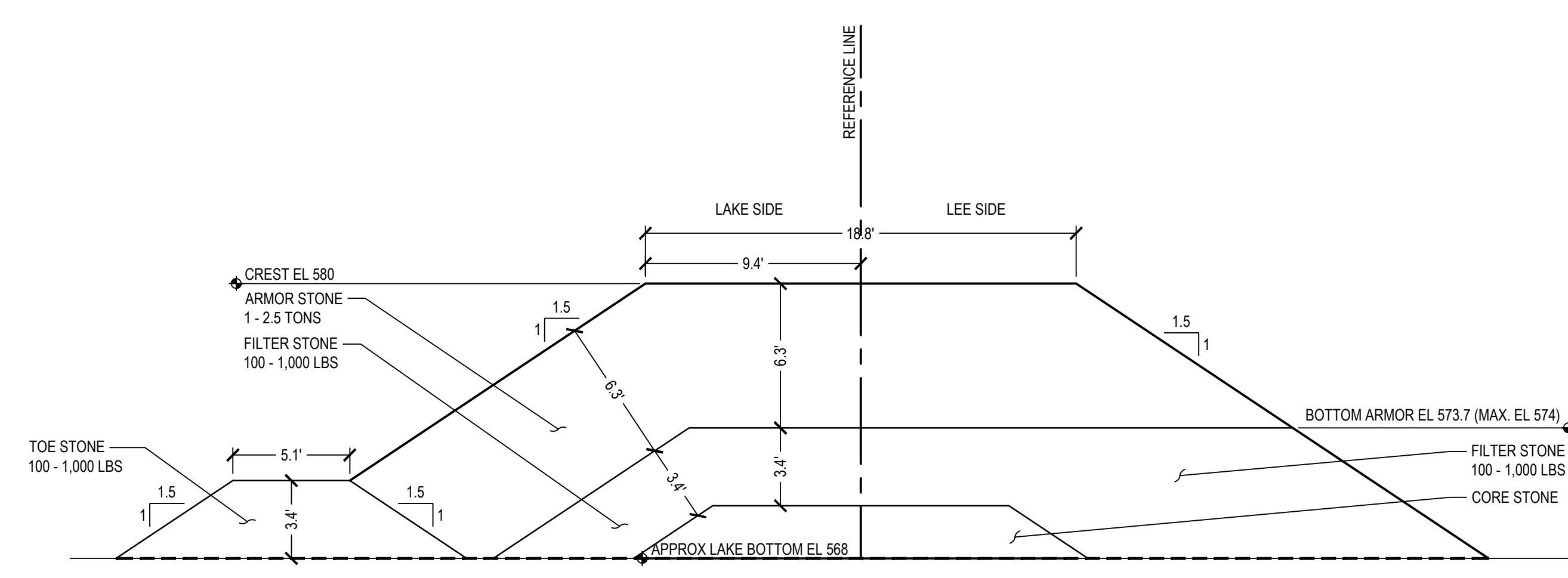
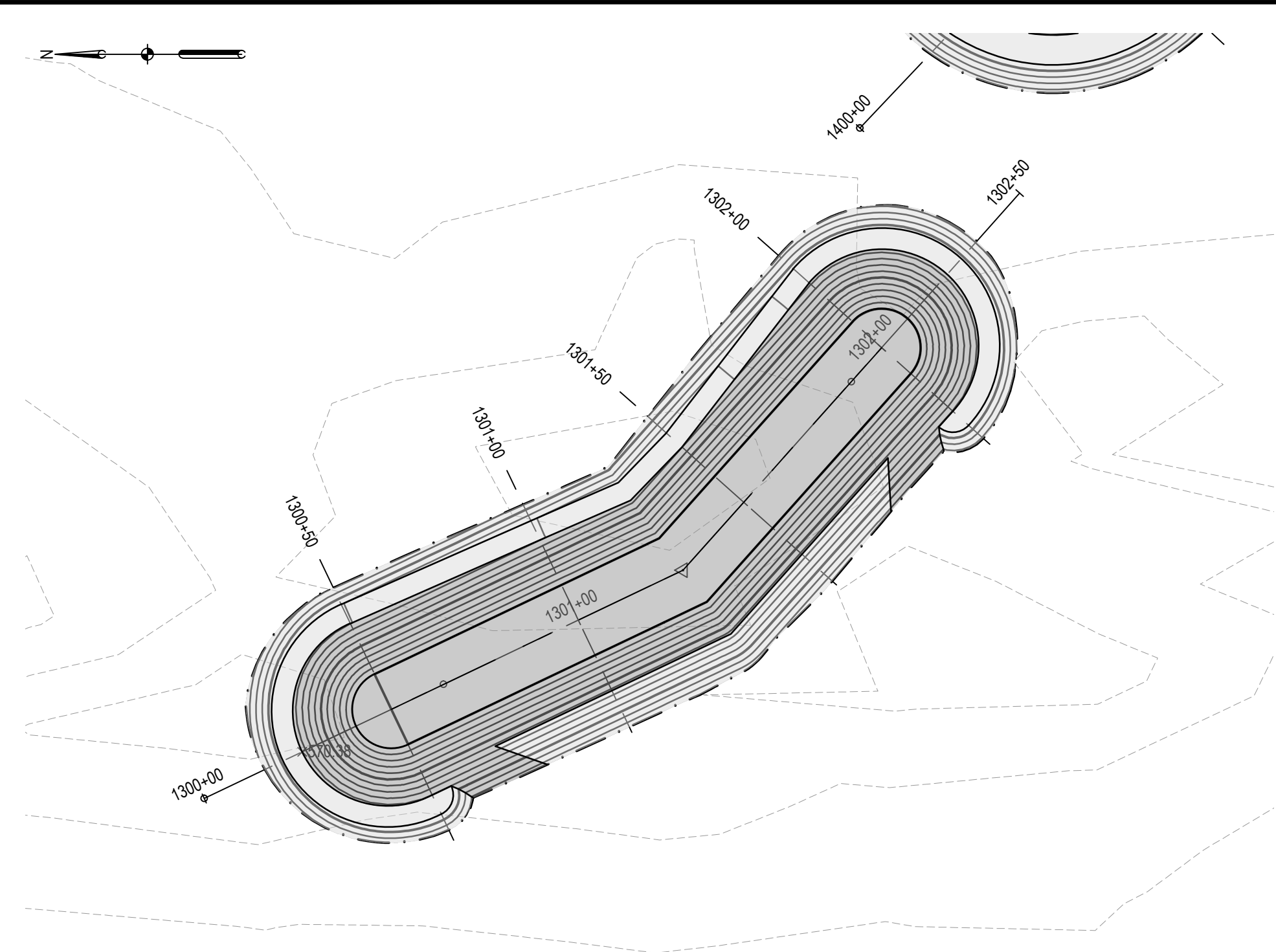
PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-106**
 OF (124) SHEETS

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SHEET NOTES

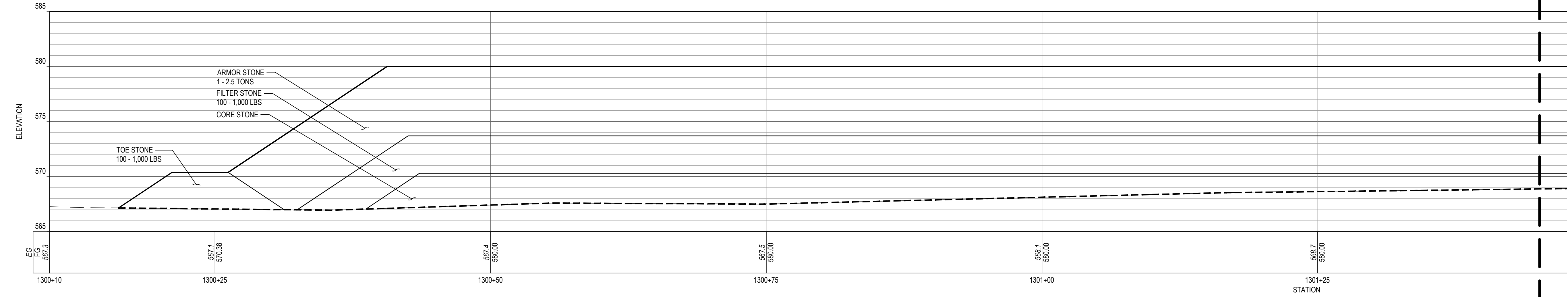
LEGEND

-  ARMOR STONE
-  FILTER STONE / TOE STONE
-  SAND BEACH
-  NAVIGATION AID
-  - - - 865 - - - EXISTING MAJOR CONTOUR
-  - - - 864 - - - EXISTING MINOR CONTOUR
-  ——— 865 ——— PROPOSED MAJOR CONTOUR
-  ——— 864 ——— PROPOSED MINOR CONTOUR
-  GRADING LIMITS
-  1.5H:1V COASTAL STRUCTURE SIDE SLOPE
-  - - - - - SECTION - COMPOSITE GEOTEXTILE GEOGRID

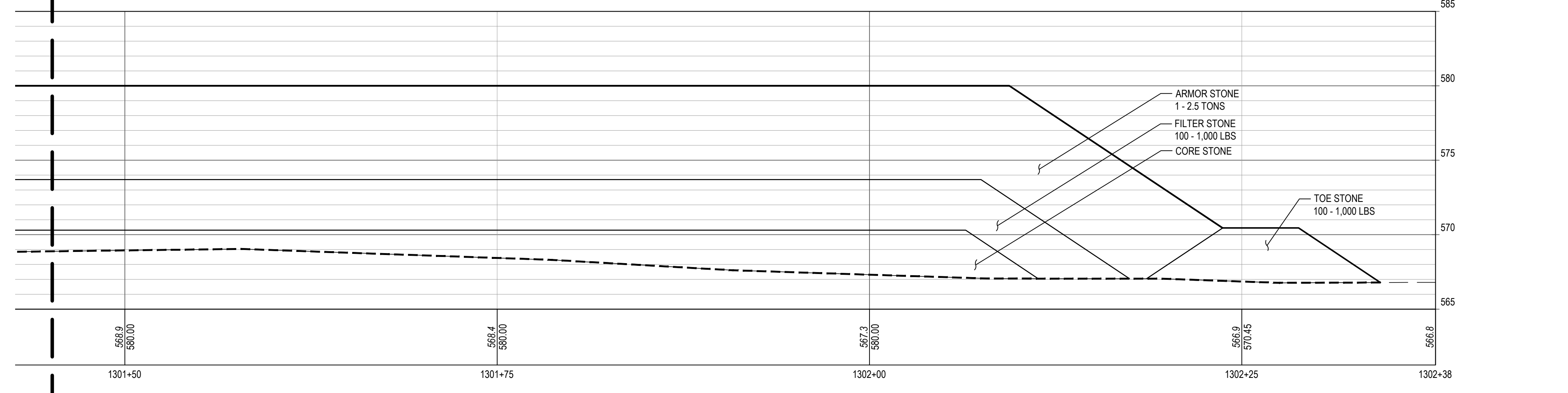


1 BW1.3 LAYOUT & GRADING PLAN SCALE: 1" = 30'

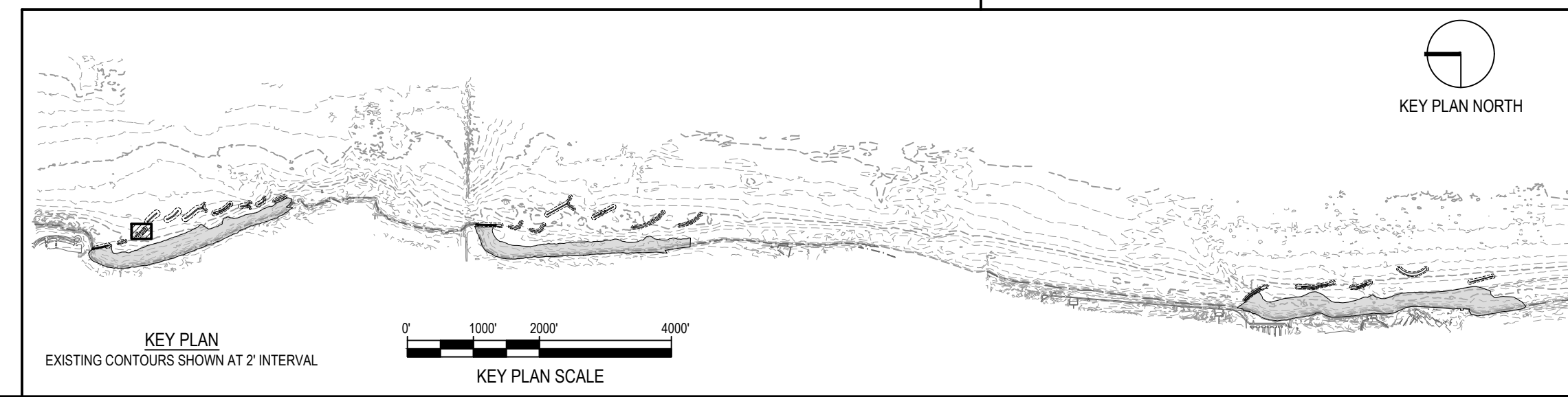
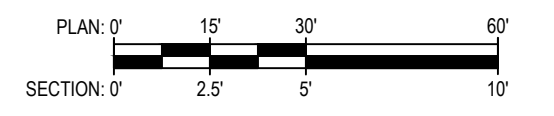
2 BW1.3 TRUNK SECTION SCALE: 1" = 5'



3 BW1.3 PROFILE SCALE: 1" = 5'

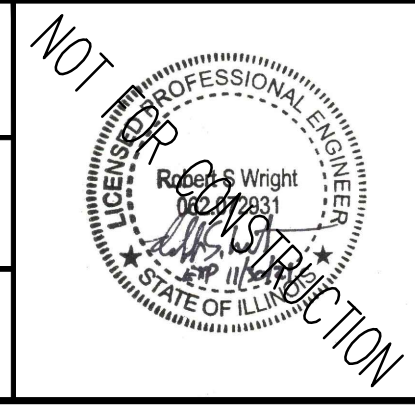


4 BW1.3 PROFILE SCALE: 1" = 5'

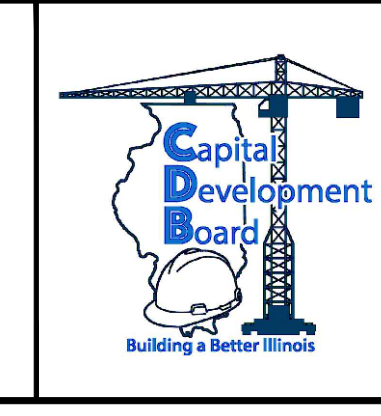


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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---



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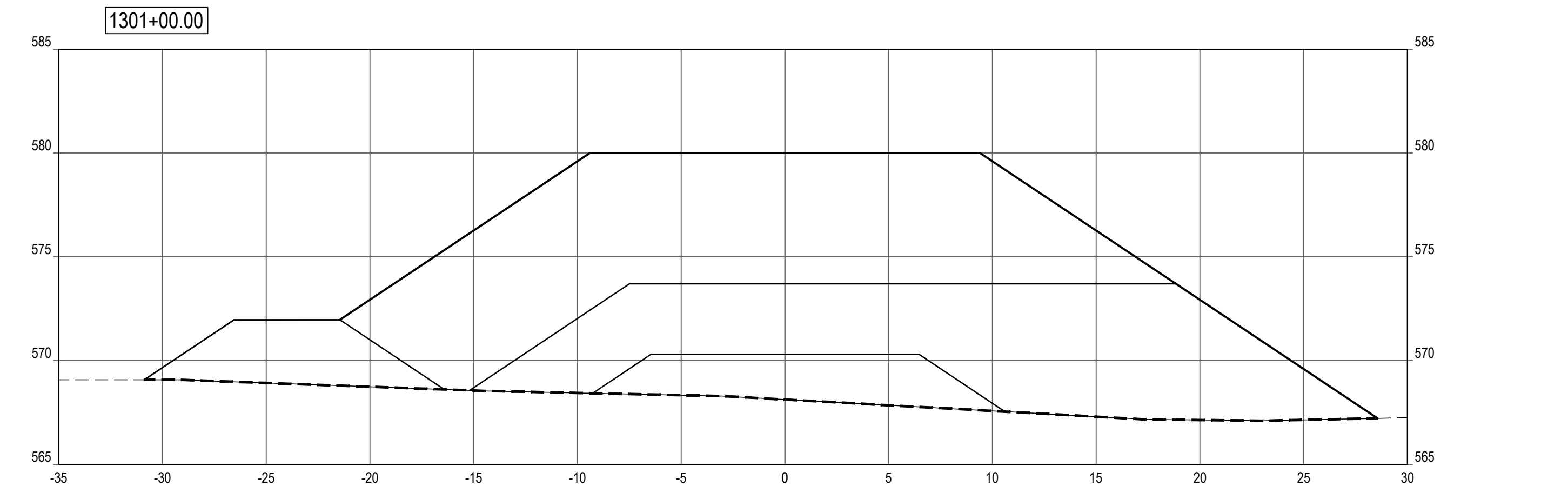
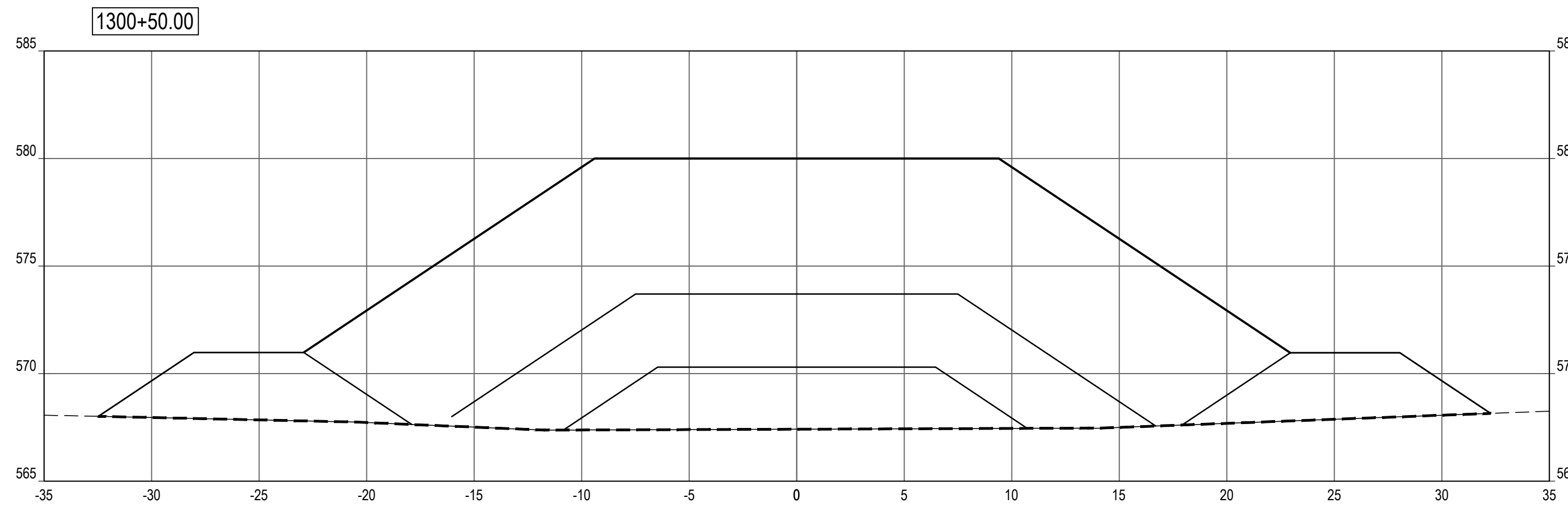
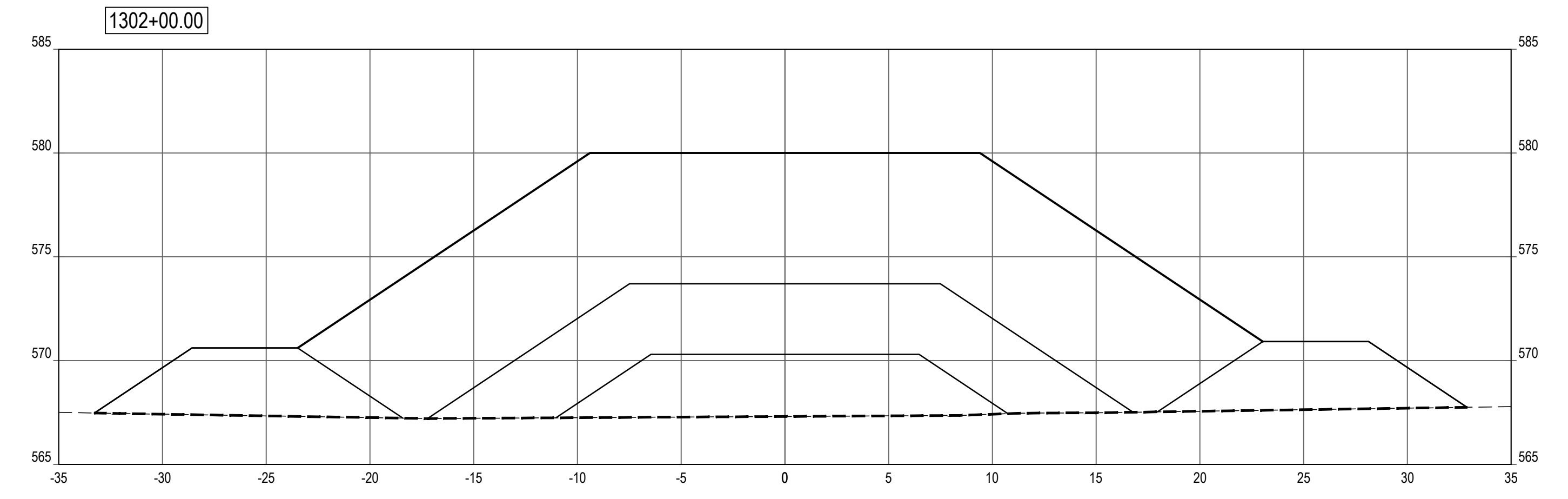
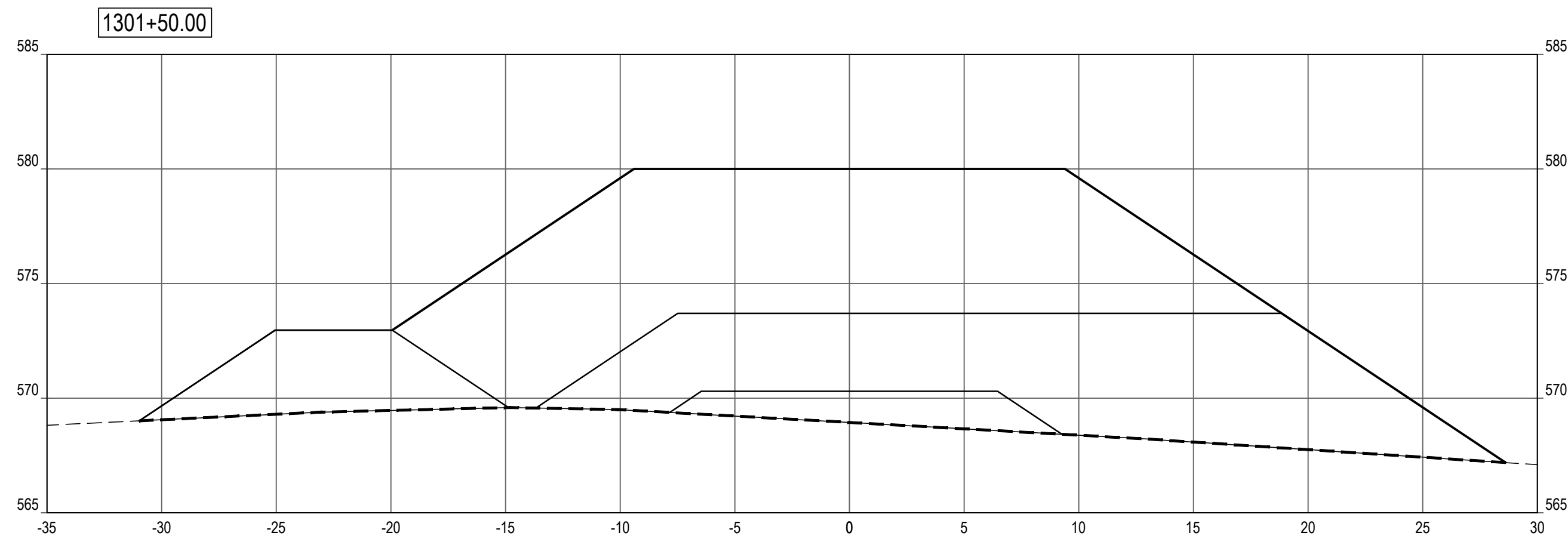


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PLAN, TYPICAL SECTION & PROFILE - BW1.3
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO.	102-311-099
DATE	02/26/2021
SHEET NO.	C-107
OF (124) SHEETS	

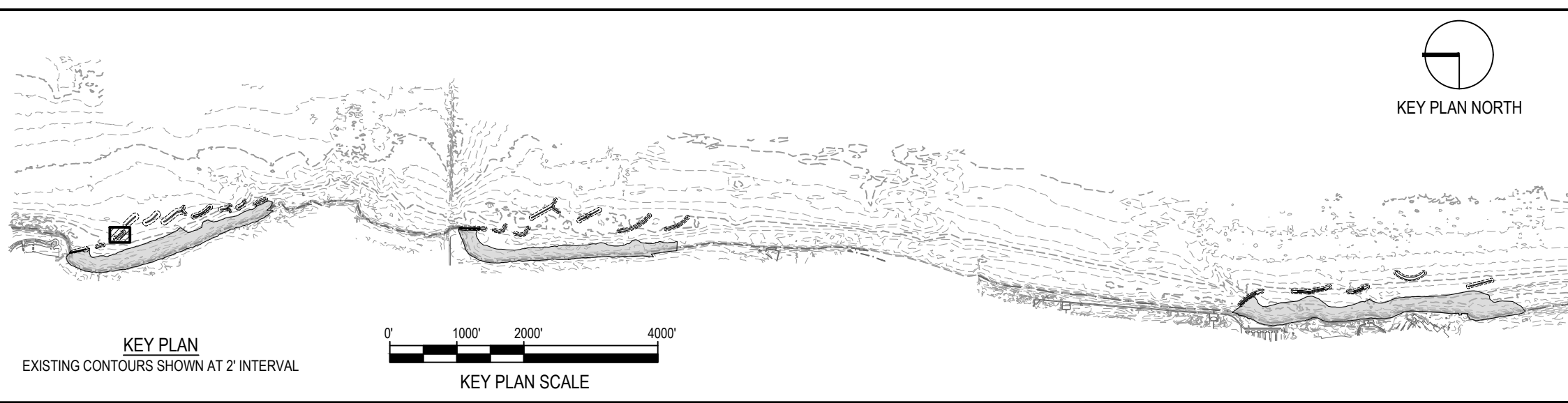
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SHEET NOTES

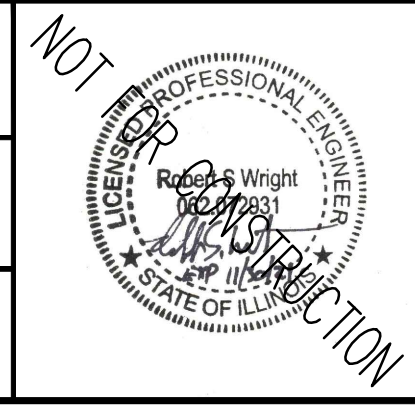
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- · · PROFILE - FINISH GRADE AT REFERENCE LINE
- · - · PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- - - - SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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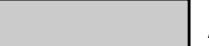
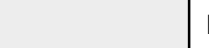
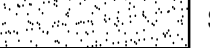



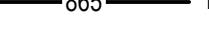
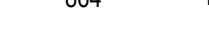
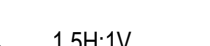
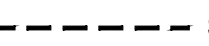
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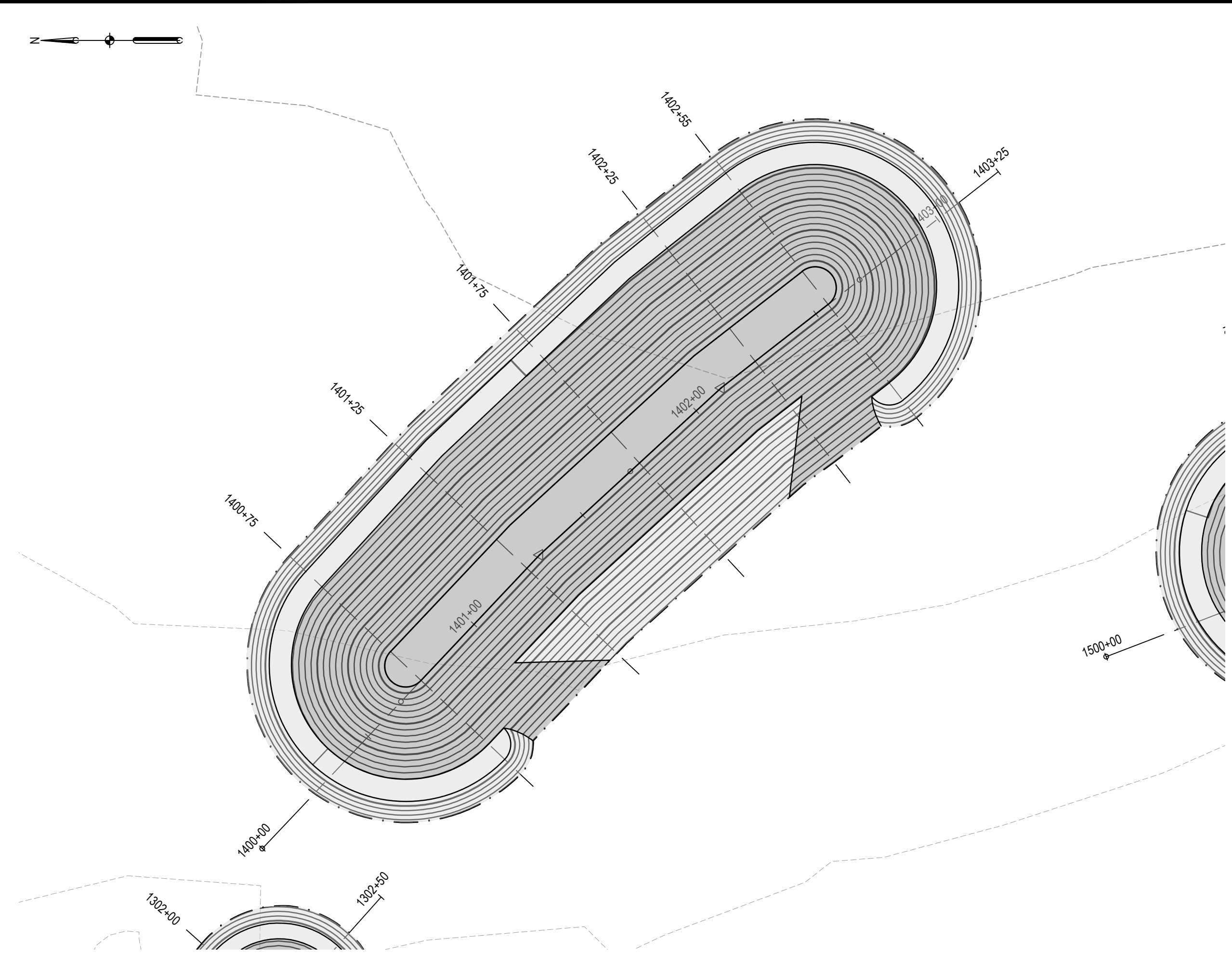
SECTIONS - BW1.3 (STA 1300+50 TO 1302+00)		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-108
OF (124) SHEETS		

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SHEET NOTES

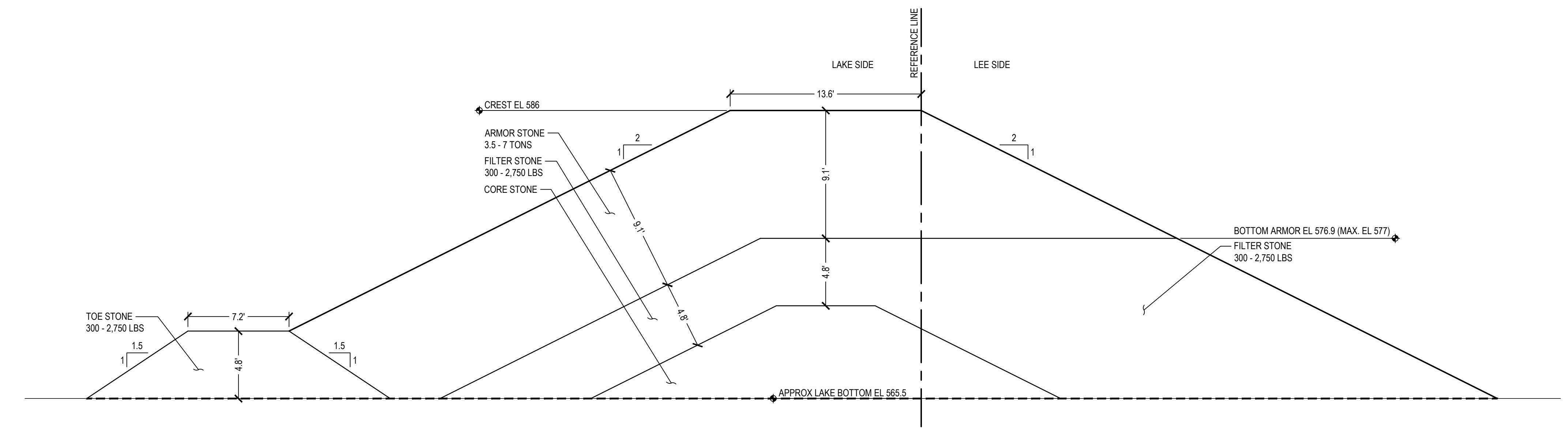
LEGEND

-  ARMOR STONE
-  FILTER STONE / TOE STONE
-  SAND BEACH
-  NAVIGATION AID
-  - - - 865 - - - EXISTING MAJOR CONTOUR
-  - - - 864 - - - EXISTING MINOR CONTOUR
-  ——— 865 ——— PROPOSED MAJOR CONTOUR
-  ——— 864 ——— PROPOSED MINOR CONTOUR
- GRADING LIMITS
-  1.5H:1V COASTAL STRUCTURE SIDE SLOPE
-  - - - - - SECTION - COMPOSITE GEOTEXTILE GEOGRID



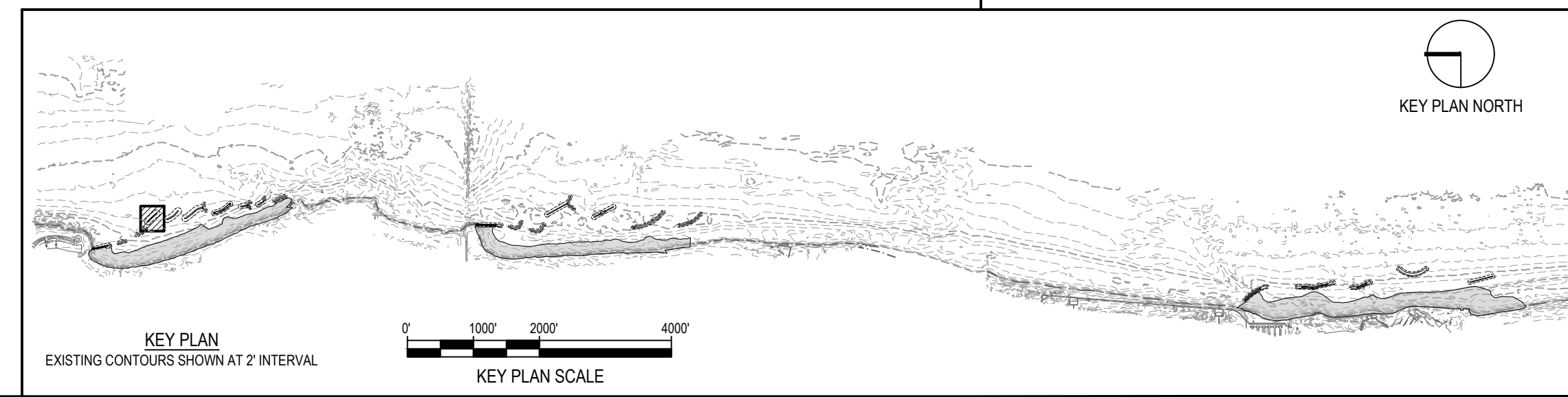
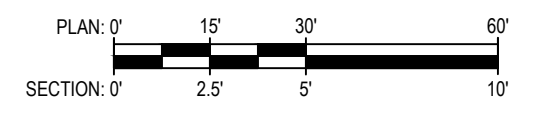
1 BW1.4 LAYOUT & GRADING
PLAN

SCALE: 1" = 30'



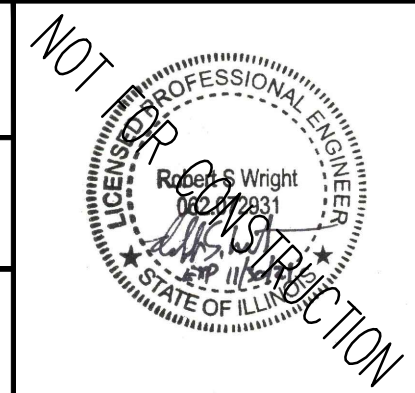
2 BW1.4 TRUNK
SECTION

SCALE: 1" = 5'



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



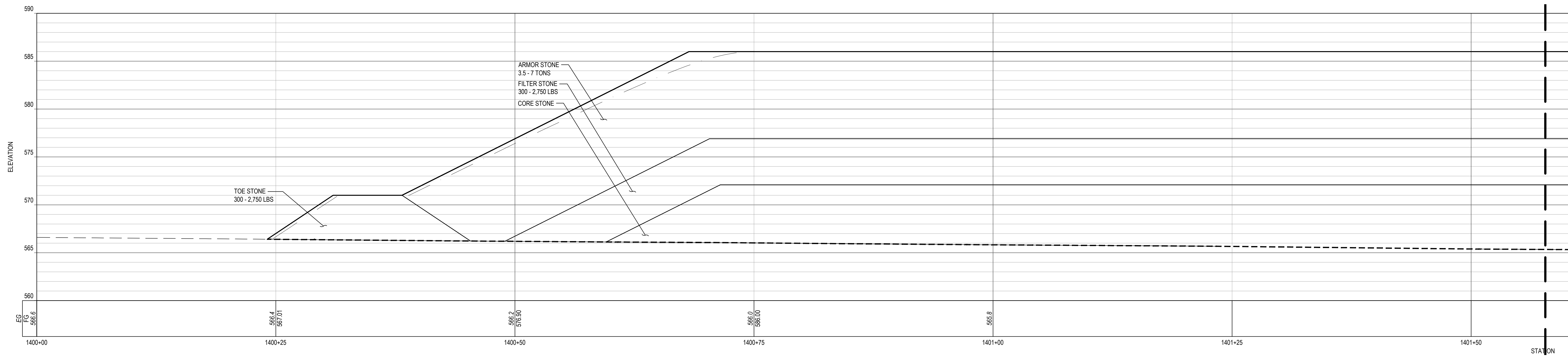
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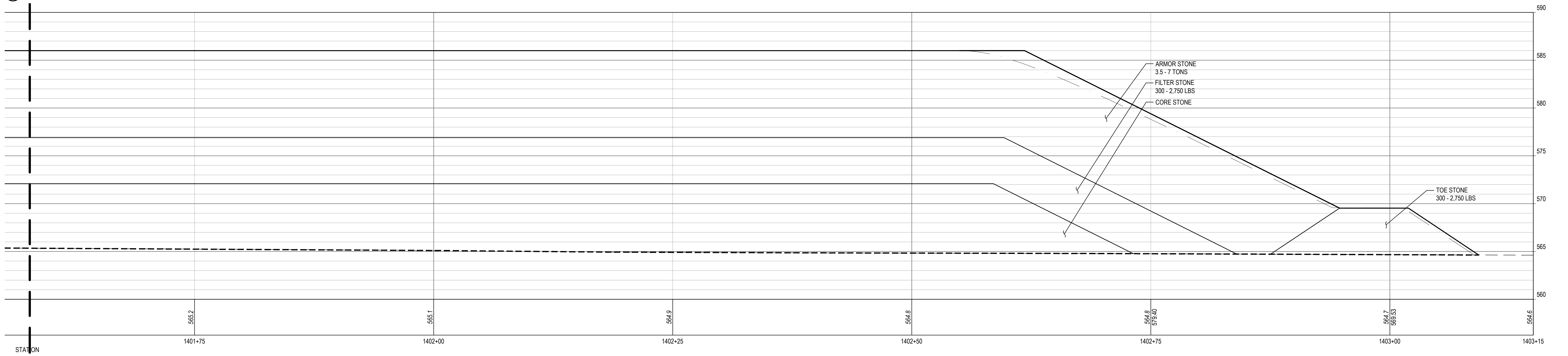
PLAN & TYPICAL SECTION - BW1.4		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-109
		OF (124) SHEETS

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1 BW1.4 PROFILE

SCALE: 1" = 5'



2 BW1.4 PROFILE

SCALE: 1" = 5'

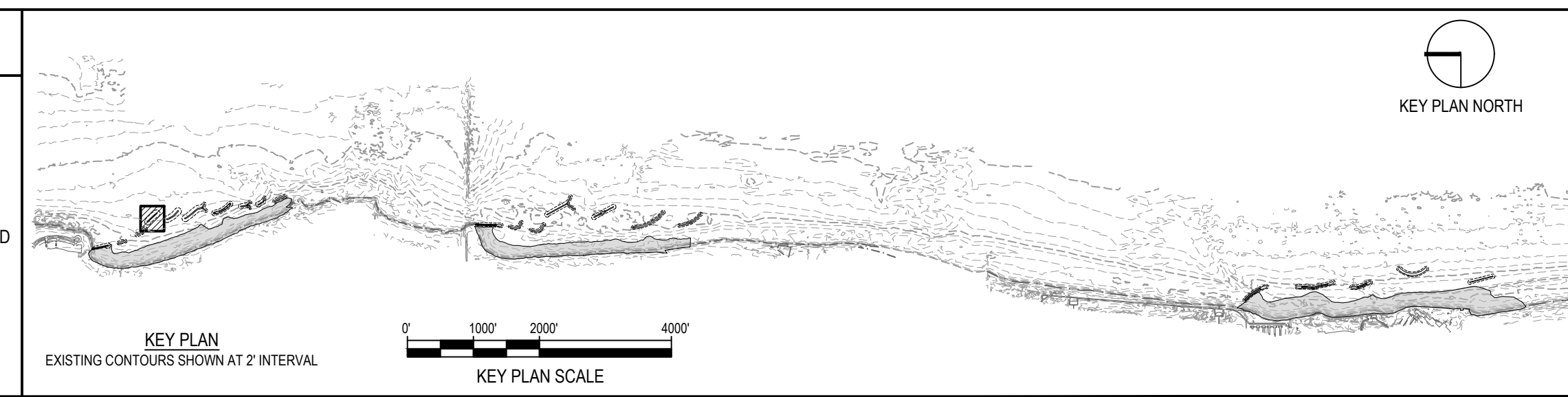


SHEET NOTES

1. STONE LAYERS IN PROFILE ARE SHOWN AT CENTERLINE OF STRUCTURE CREST, WHICH IS NOT THE SAME AS THE REFERENCE LINE. PROFILE FINISH GRADE AT THE REFERENCE LINE IS SHOWN FOR CONTEXT.

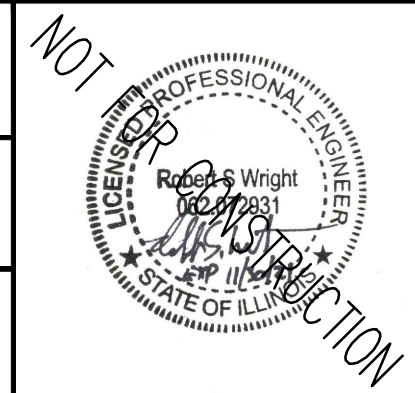
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- - - PROFILE - FINISH GRADE AT REFERENCE LINE
- - - - PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- - - - SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



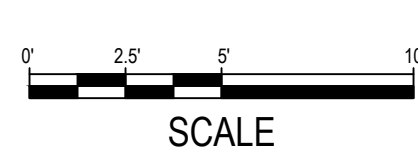
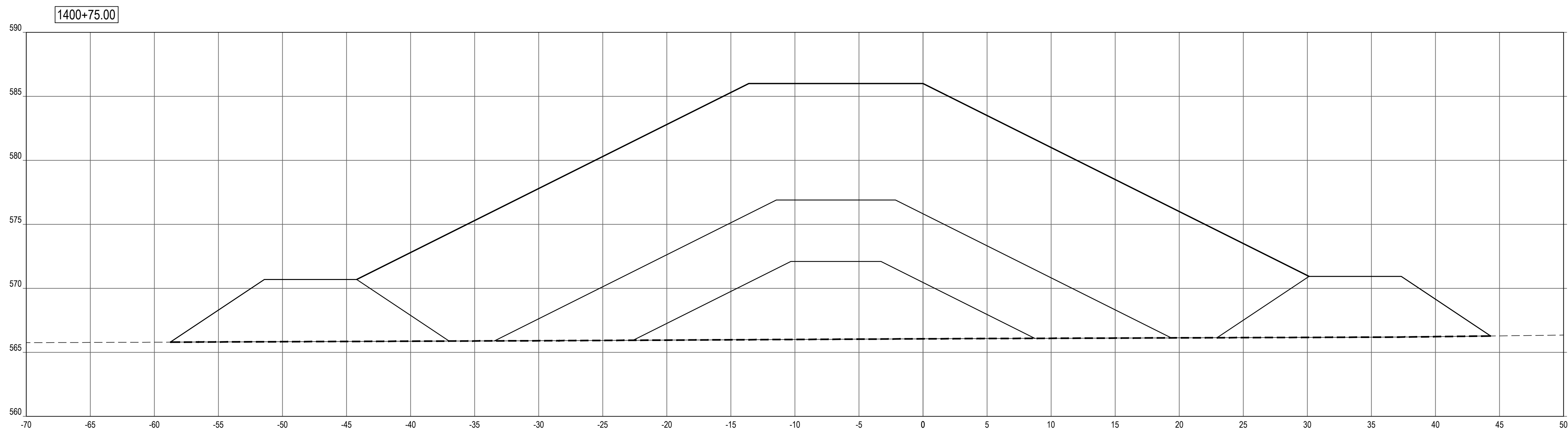
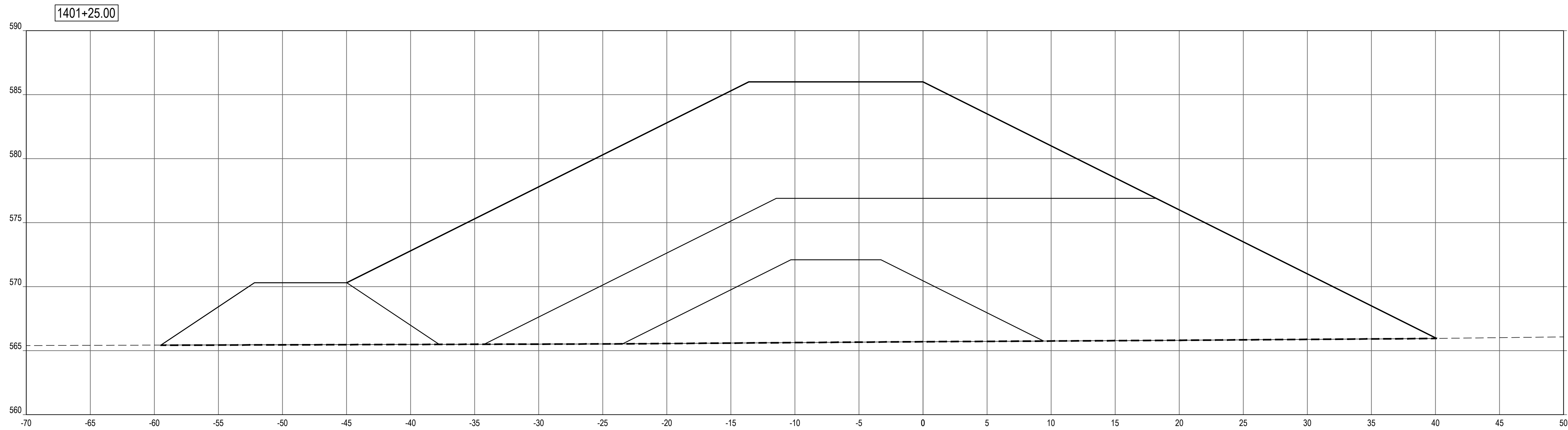
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PROJECT NO. 102-311-099
DATE 02/26/2021
SHEET NO. C-110
OF (124) SHEETS

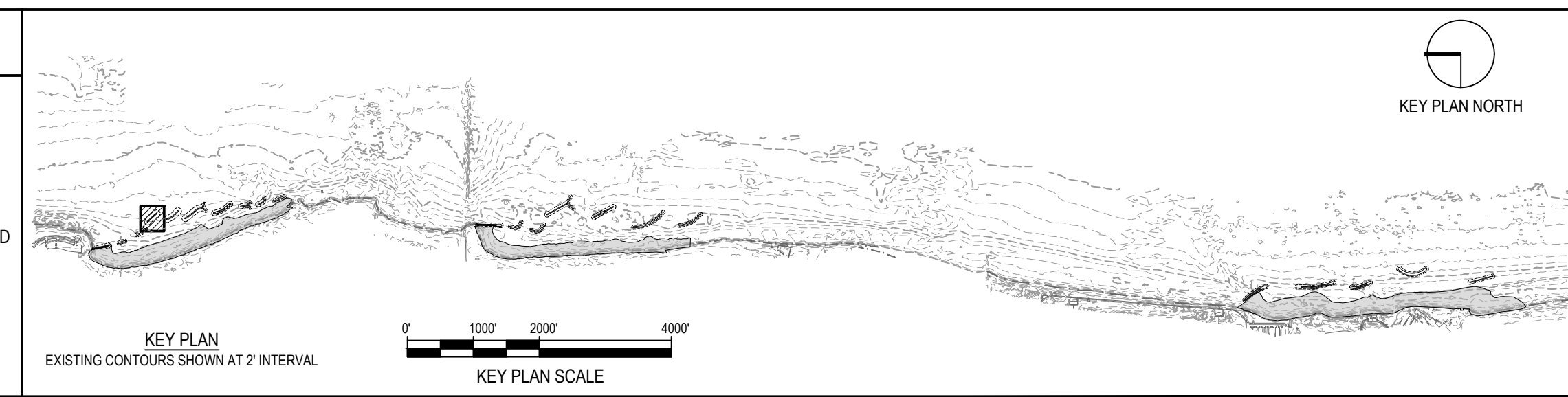
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SHEET NOTES

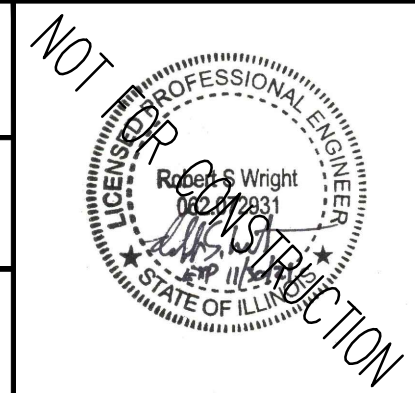
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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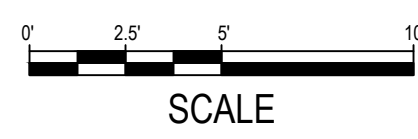
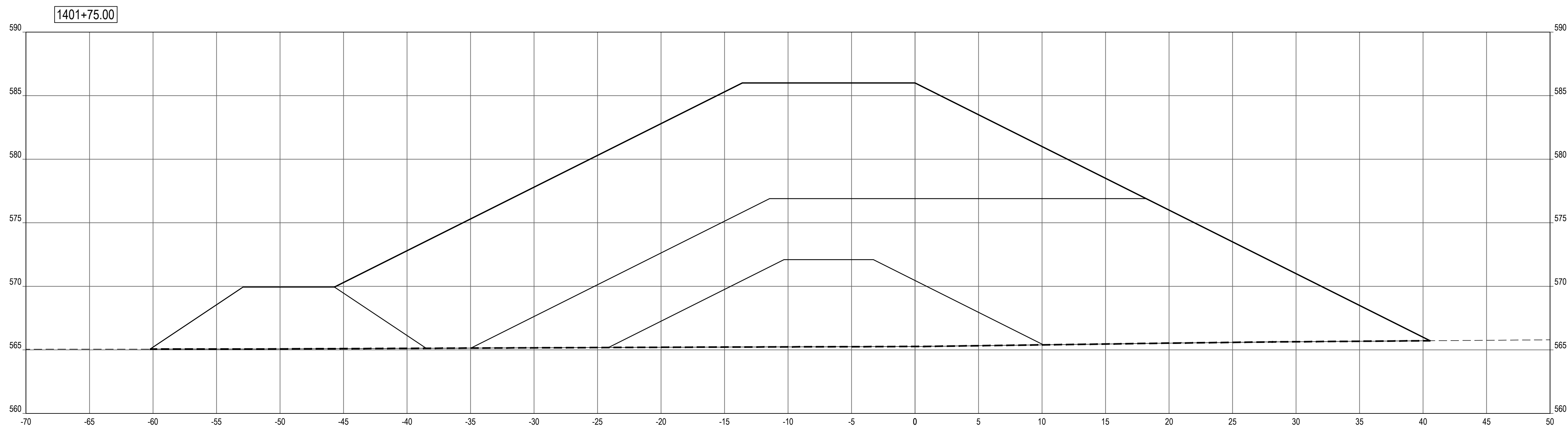
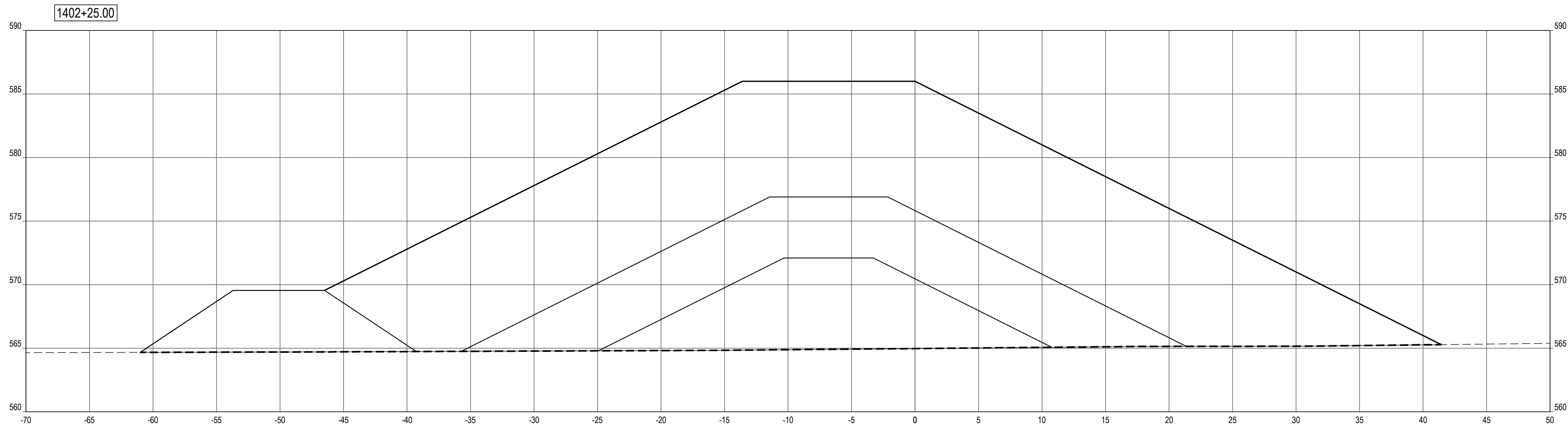
State of Illinois
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SECTIONS - BW1.4 (STA 1400+75 TO 1401+25)

ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-111**
 OF (124) SHEETS

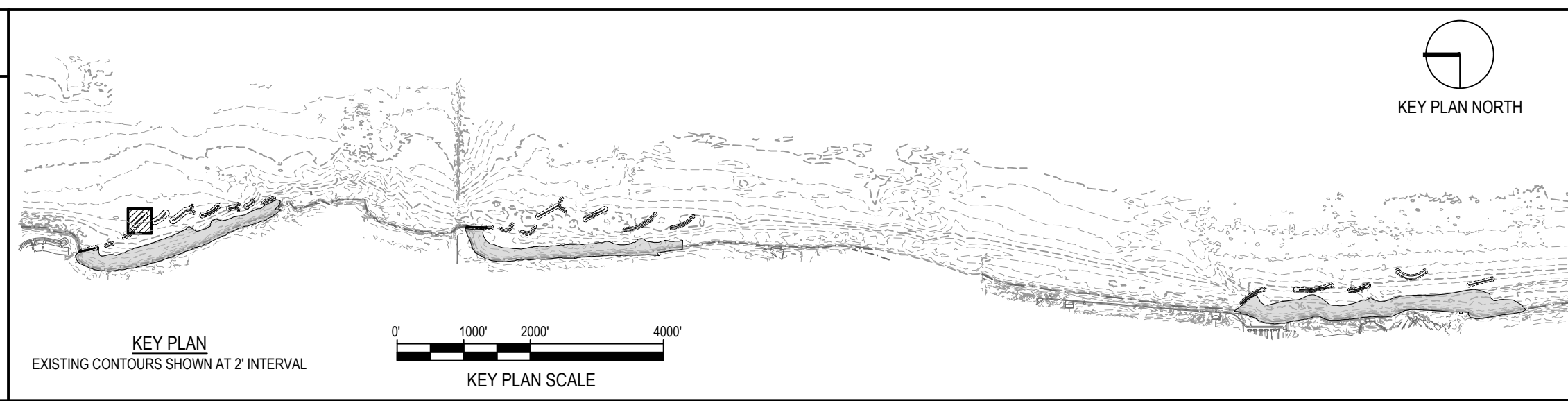
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SHEET NOTES

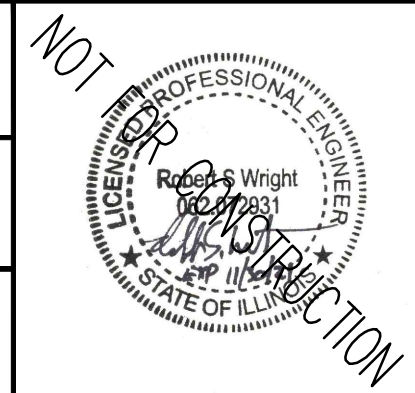
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- · · PROFILE - FINISH GRADE AT REFERENCE LINE
- · - · PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
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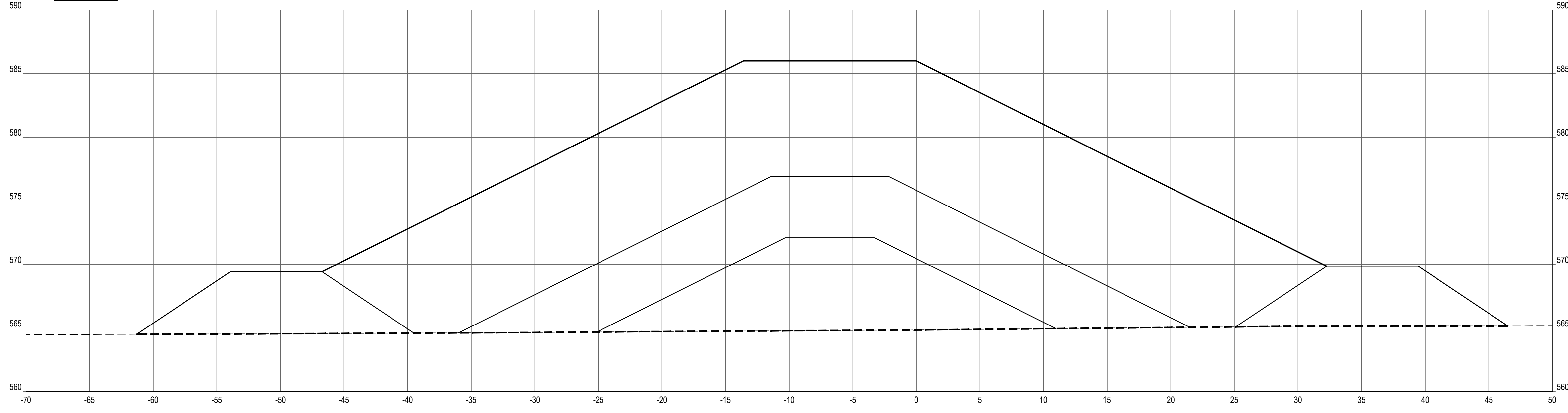


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SECTIONS - BW1.4 (STA 1401+75 TO 1402+25)		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
SHEET NO. C-112		OF (124) SHEETS

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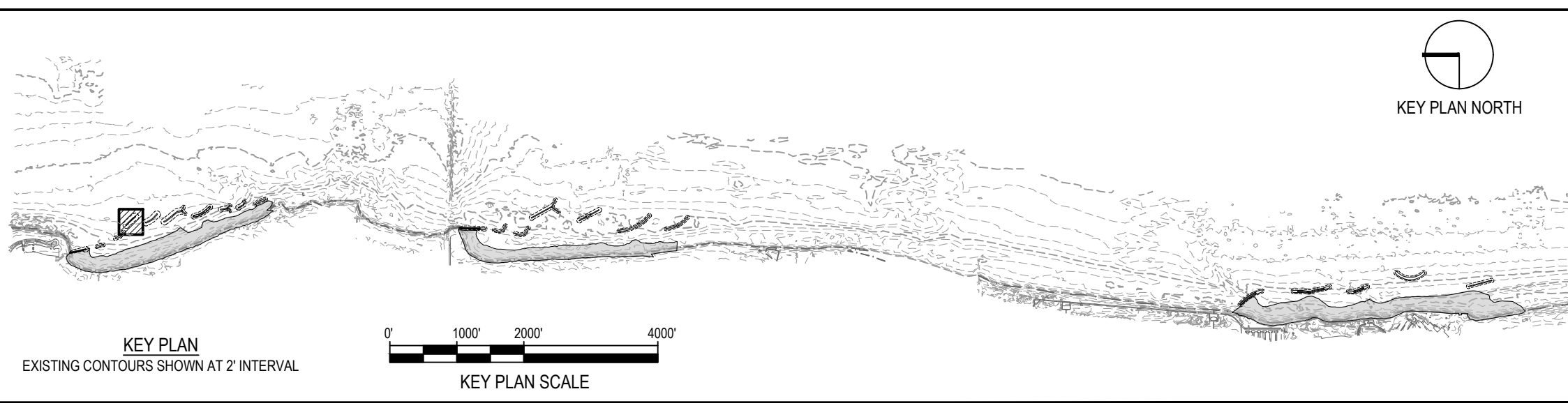
1402+55.00



SHEET NOTES

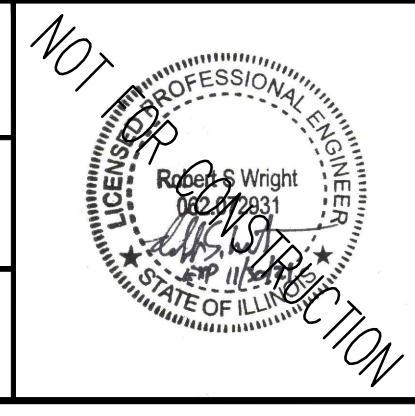
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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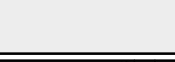
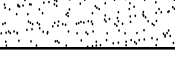



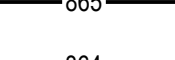
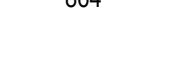
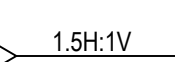
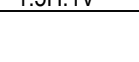

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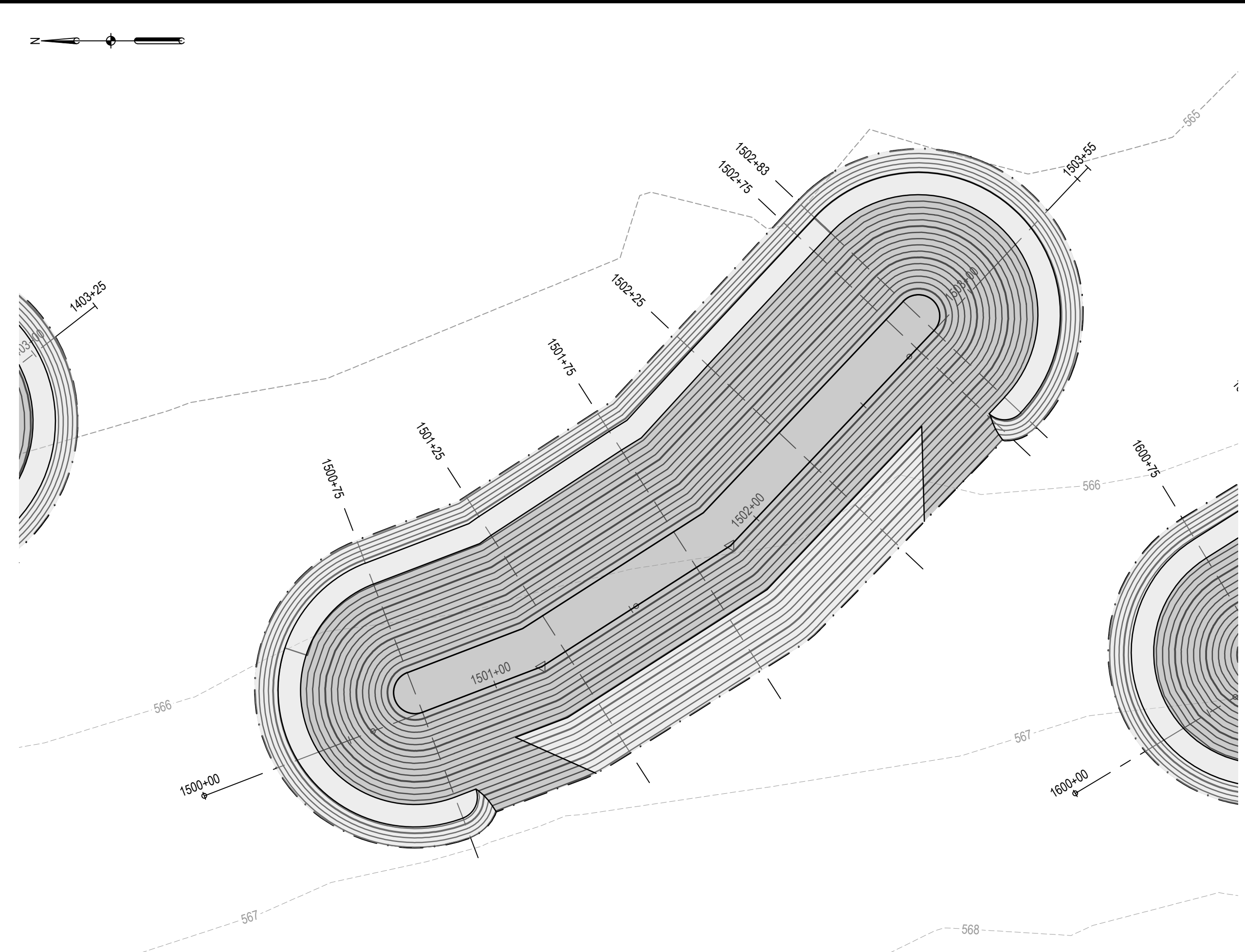
SECTIONS - BW1.4 (STA 1402+55)
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-113**
 OF (124) SHEETS

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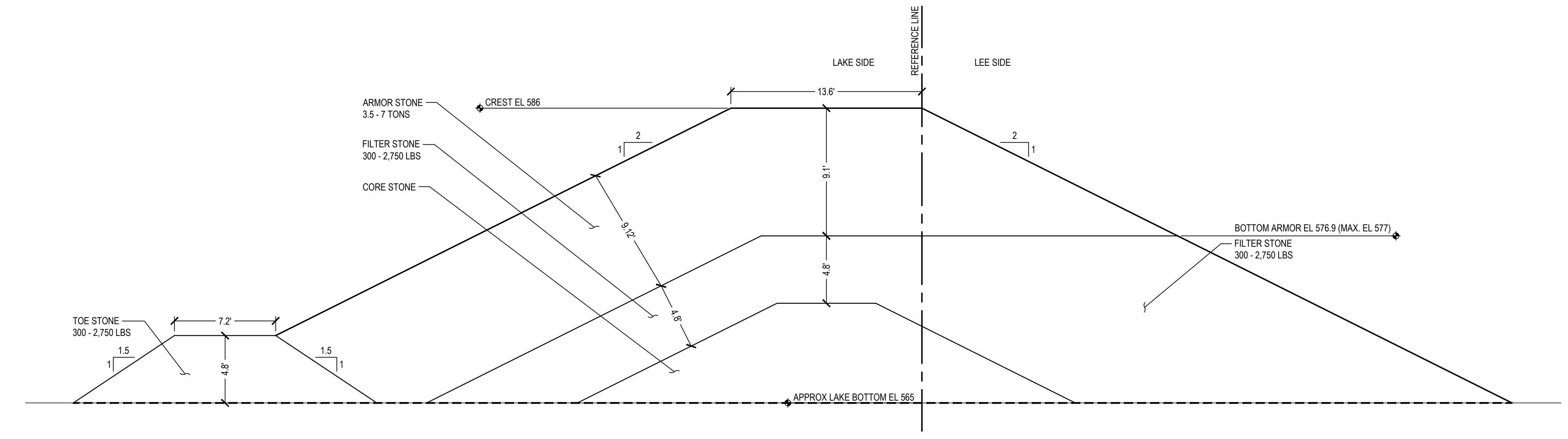
LEGEND

-  ARMOR STONE
-  FILTER STONE / TOE STONE
-  SAND BEACH
-  NAVIGATION AID
-  EXISTING MAJOR CONTOUR
-  EXISTING MINOR CONTOUR
-  PROPOSED MAJOR CONTOUR
-  PROPOSED MINOR CONTOUR
-  GRADING LIMITS
-  1.5H:1V COASTAL STRUCTURE SIDE SLOPE
-  SECTION - COMPOSITE GEOTEXTILE GEOGRID



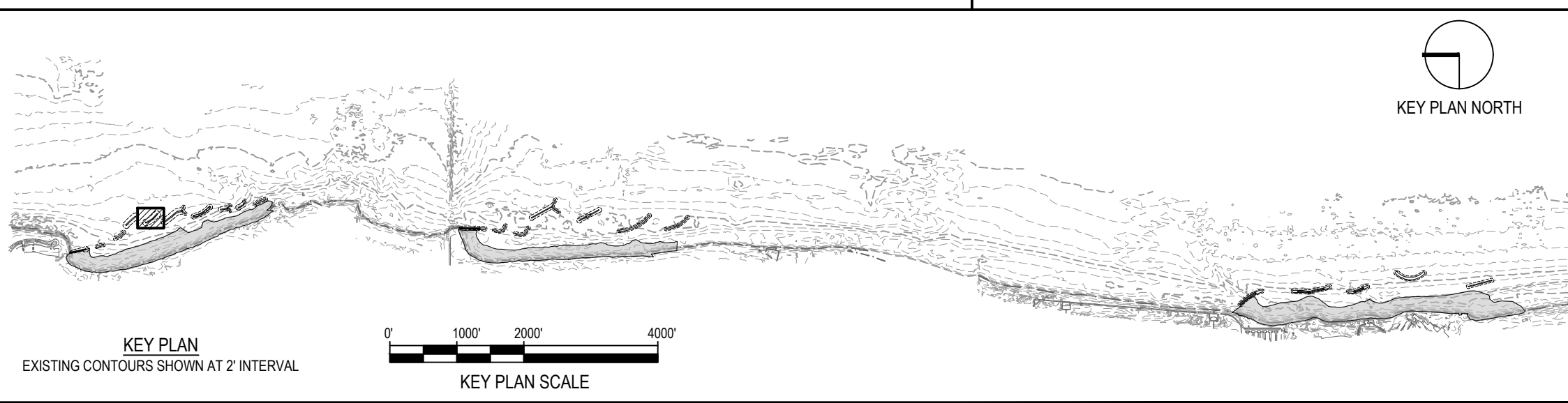
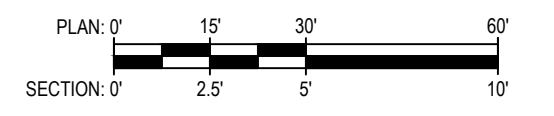
1 BW1.5 LAYOUT & GRADING
PLAN

SCALE: 1" = 30'



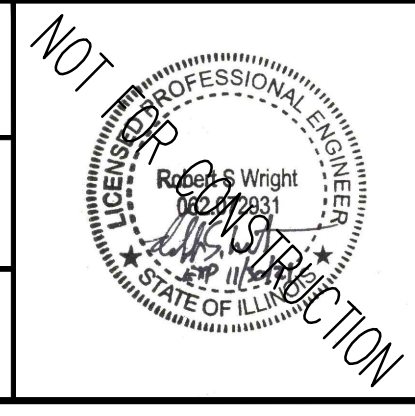
2 BW1.5 TRUNK
SECTION

SCALE: 1" = 5'



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---



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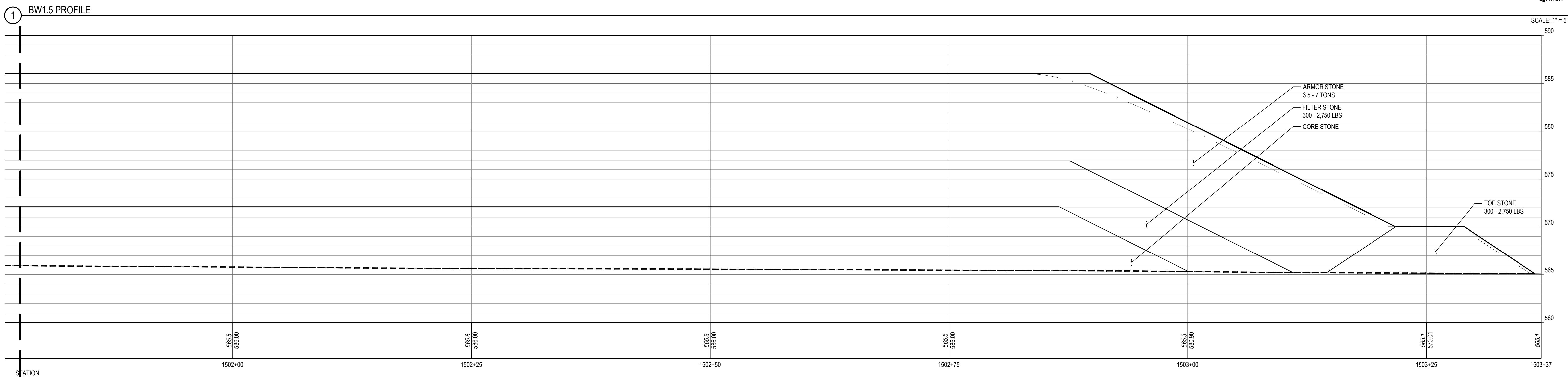
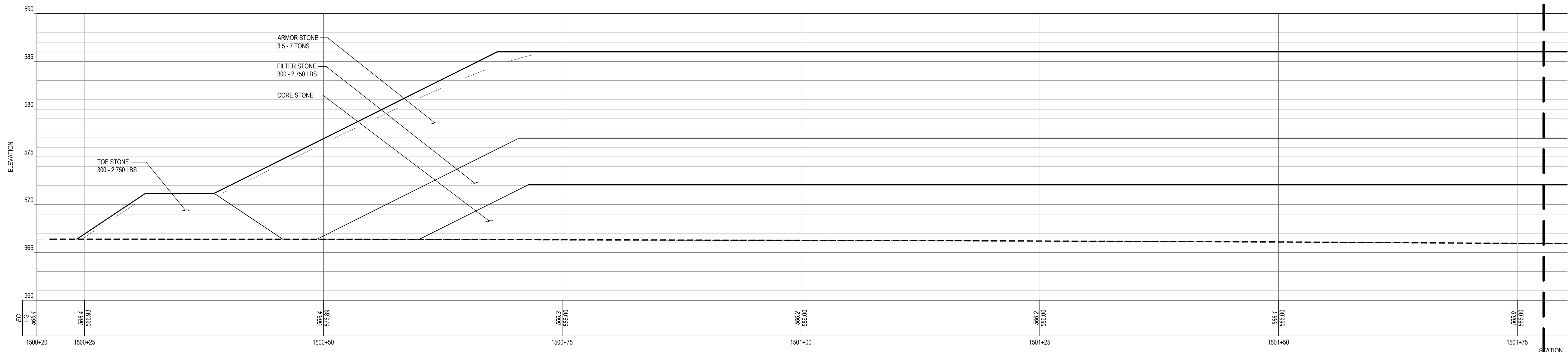
State of Illinois
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PLAN & TYPICAL SECTION - BW1.5

ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-114**
 OF (124) SHEETS

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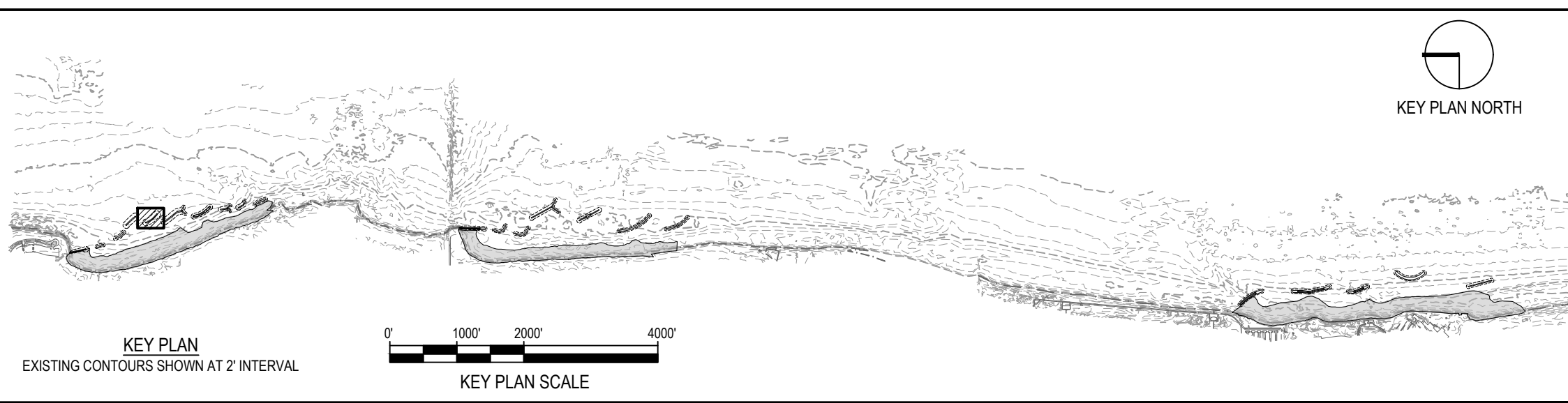


SHEET NOTES

- STONE LAYERS IN PROFILE ARE SHOWN AT CENTERLINE OF STRUCTURE CREST, WHICH IS NOT THE SAME AS THE REFERENCE LINE. PROFILE FINISH GRADE AT THE REFERENCE LINE IS SHOWN FOR CONTEXT.

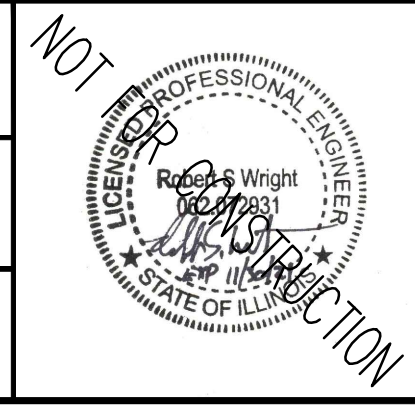
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



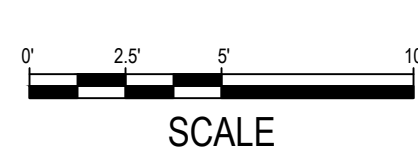
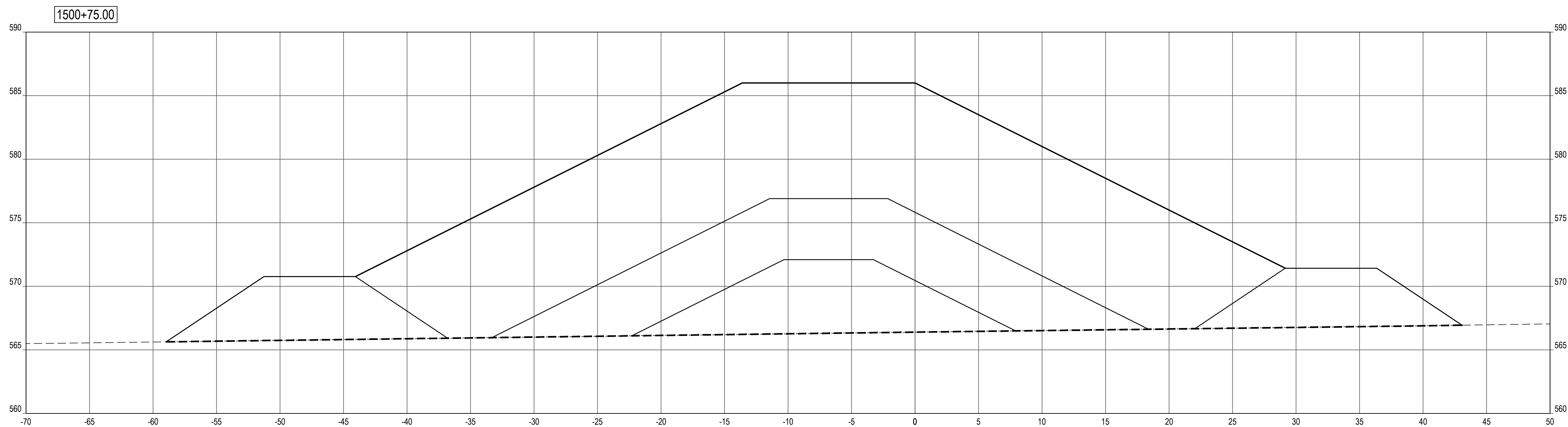
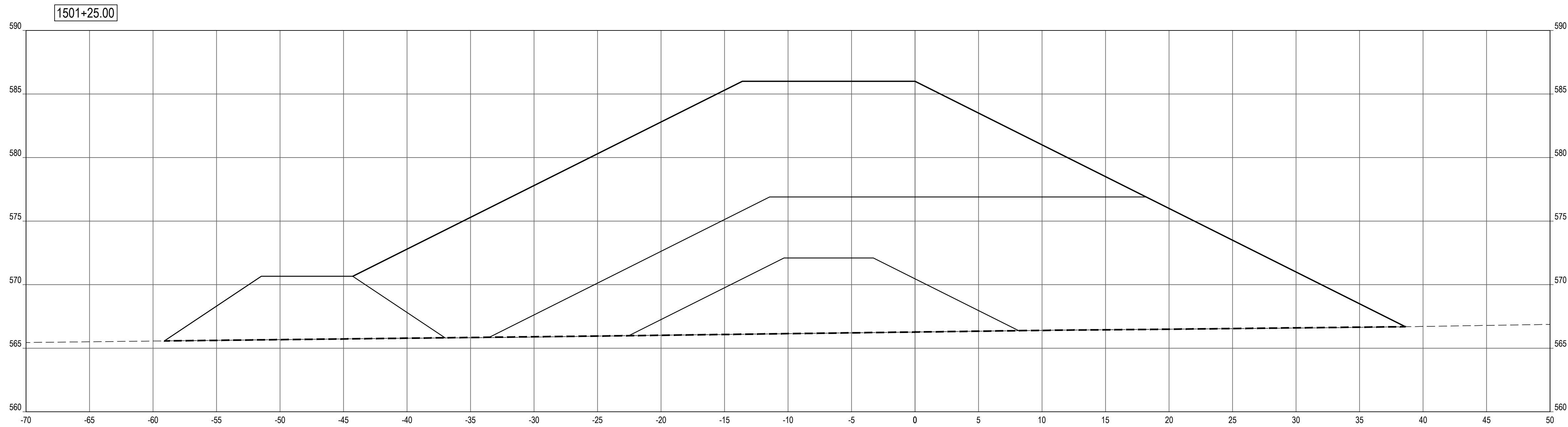
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PROFILE - BW1.5	PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS	DATE 02/26/2021
	SHEET NO. C-115
	OF (124) SHEETS

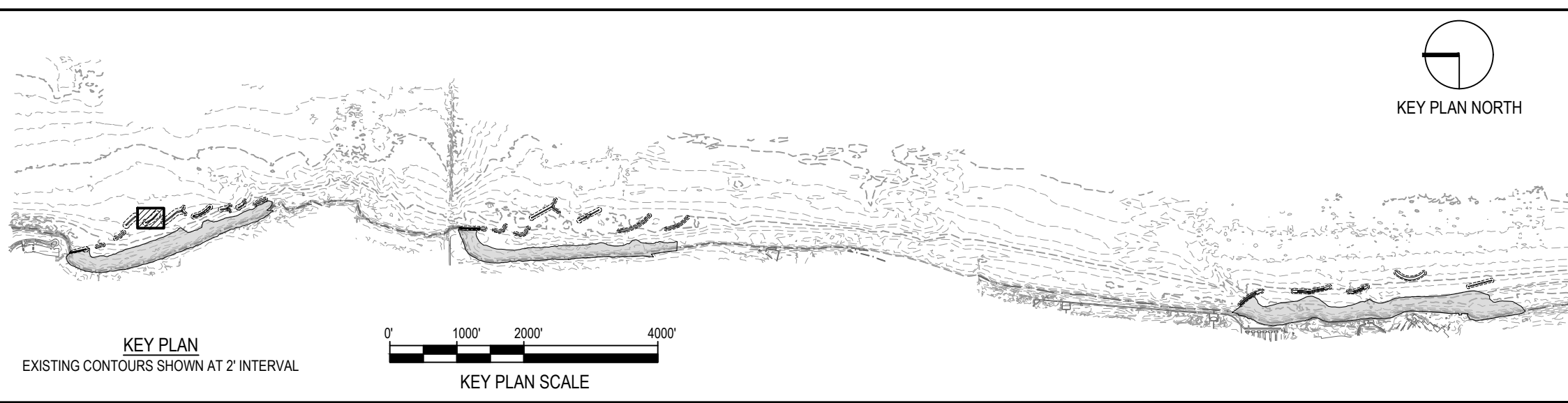
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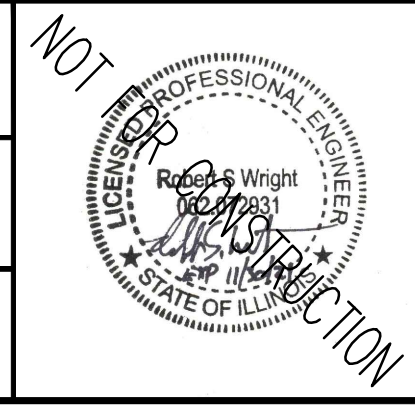
LEGEND

- PROFILE / SECTION - EXISTING GRADE
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- · - · SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
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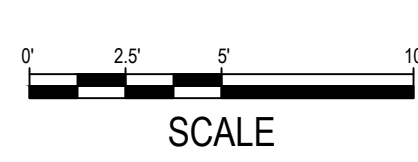
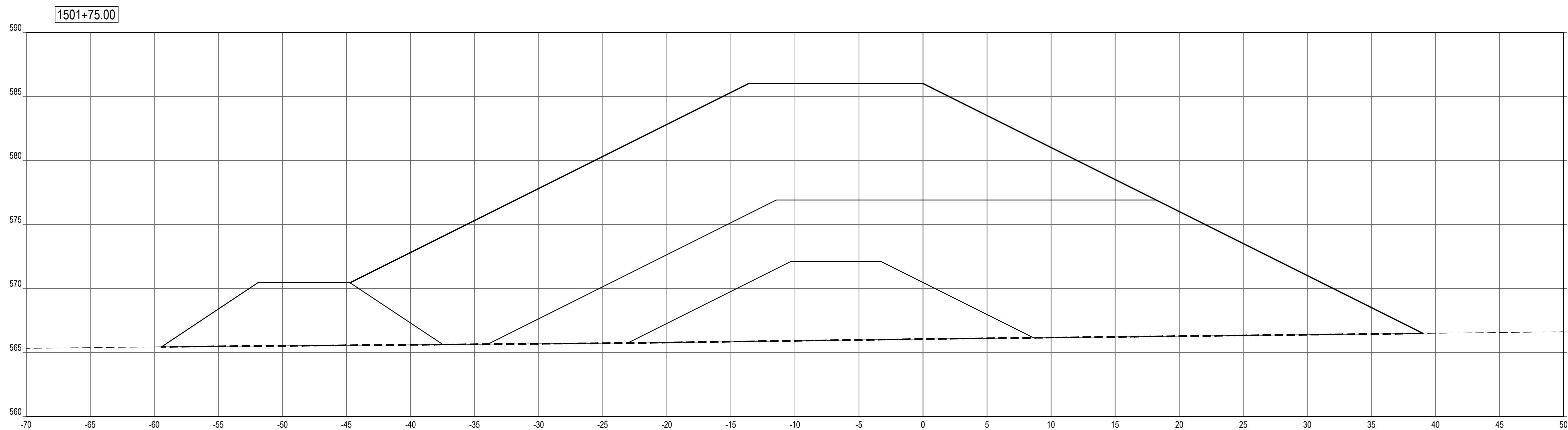
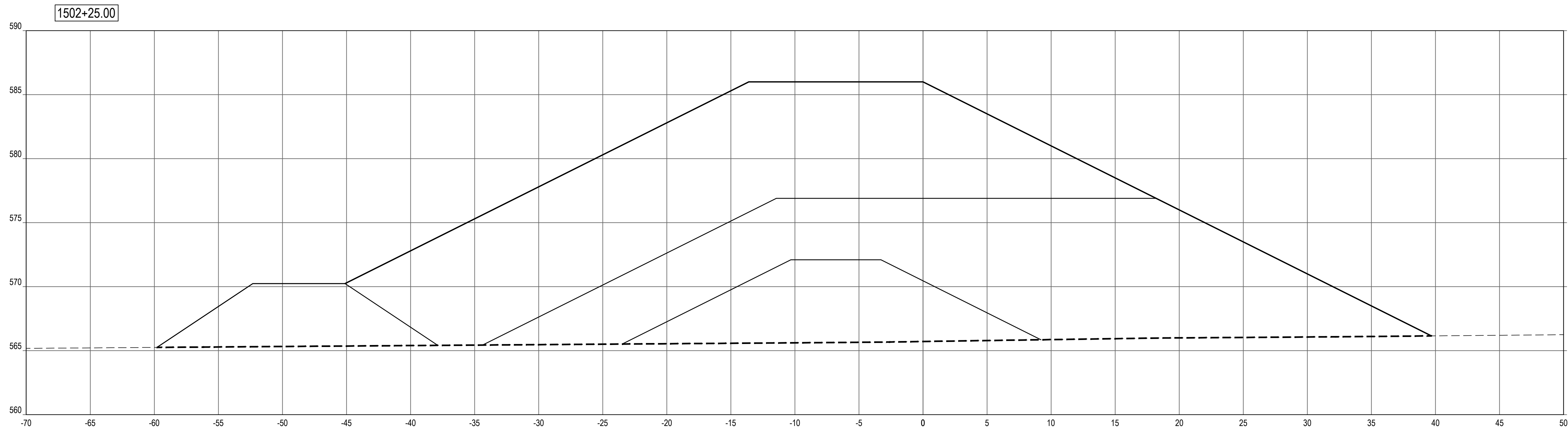


State of Illinois
JB PRITZKER, GOVERNOR
 Illinois Capital Development Board

SECTIONS - BW1.5 (STA 1500+75 TO 1501+25)
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-116**
 OF (124) SHEETS

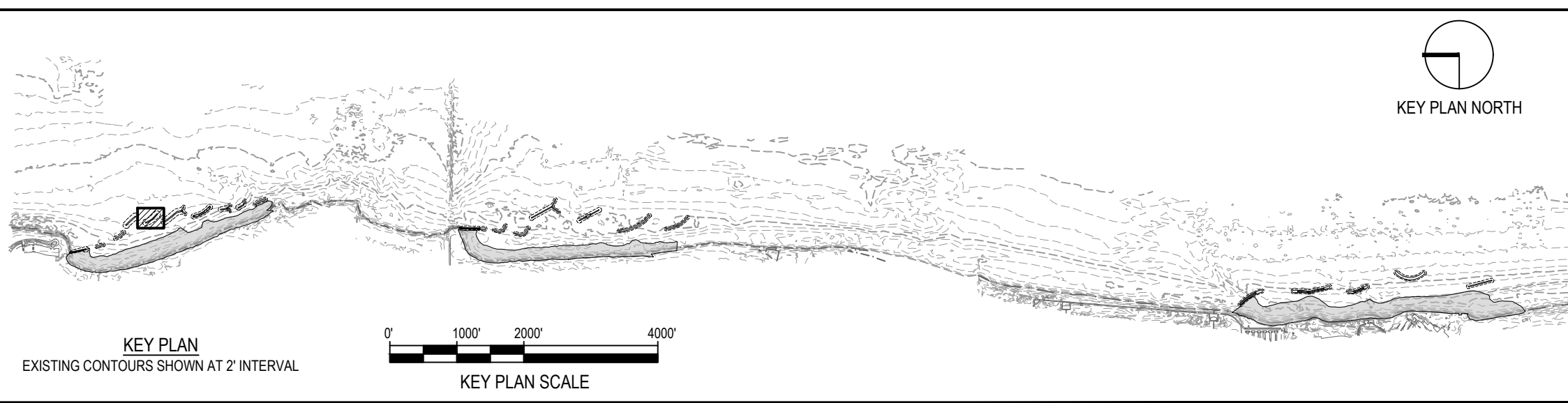
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SHEET NOTES

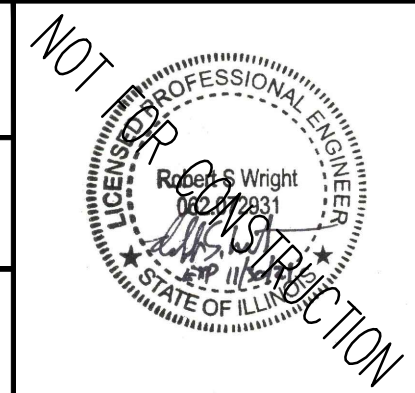
LEGEND

- PROFILE / SECTION - EXISTING GRADE
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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
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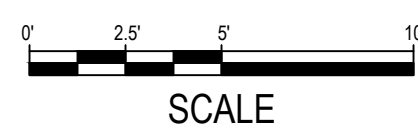
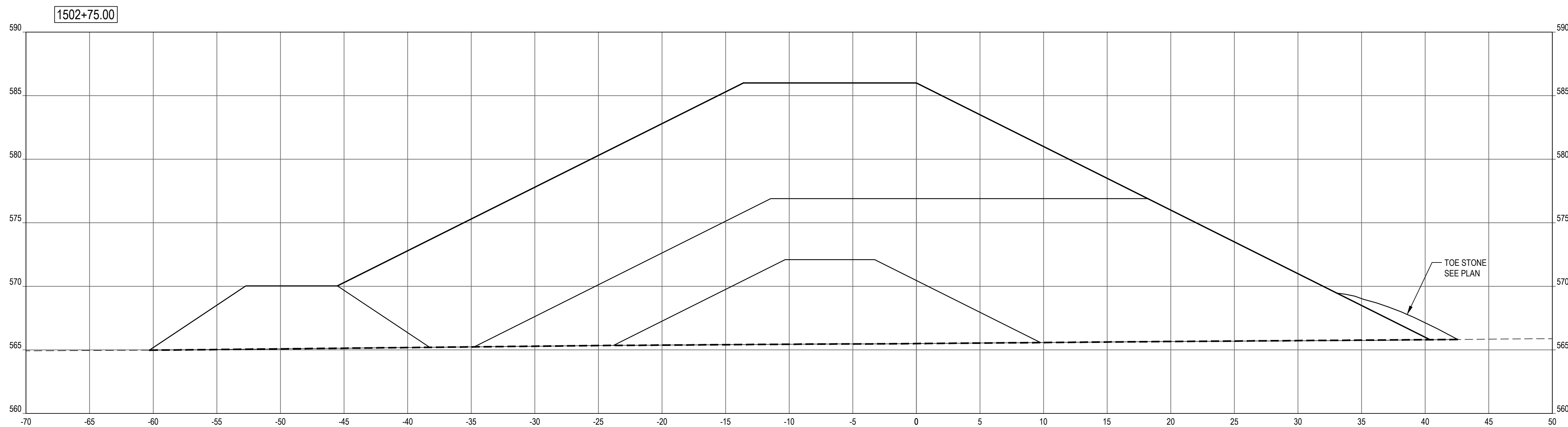
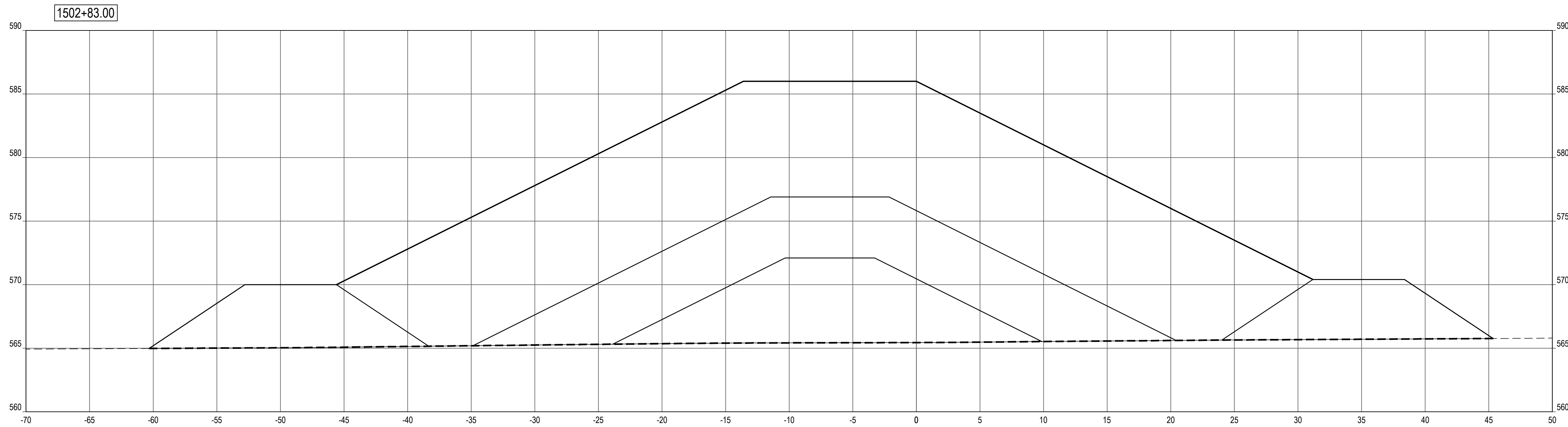
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SECTIONS - BW1.5 (STA 1501+75 TO 1502+25)		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-117
		OF (124) SHEETS

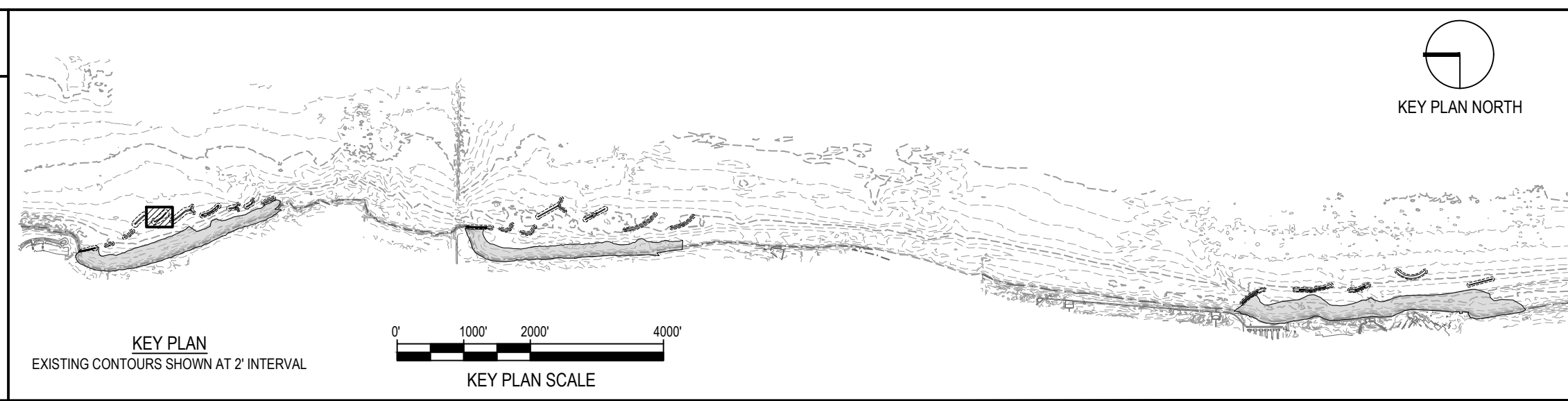
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SHEET NOTES

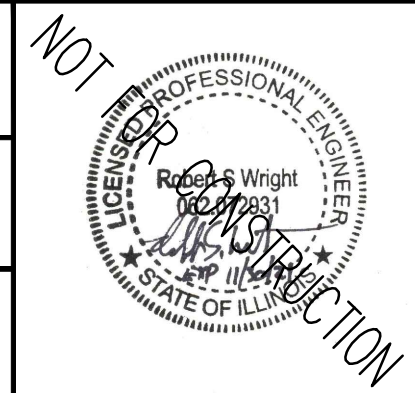
LEGEND

- PROFILE / SECTION - EXISTING GRADE
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REVISIONS			DRAWN	PREPARED
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			TRACED	APPROVED
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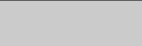
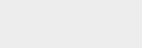
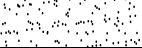

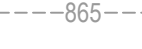

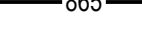
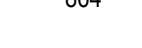
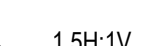




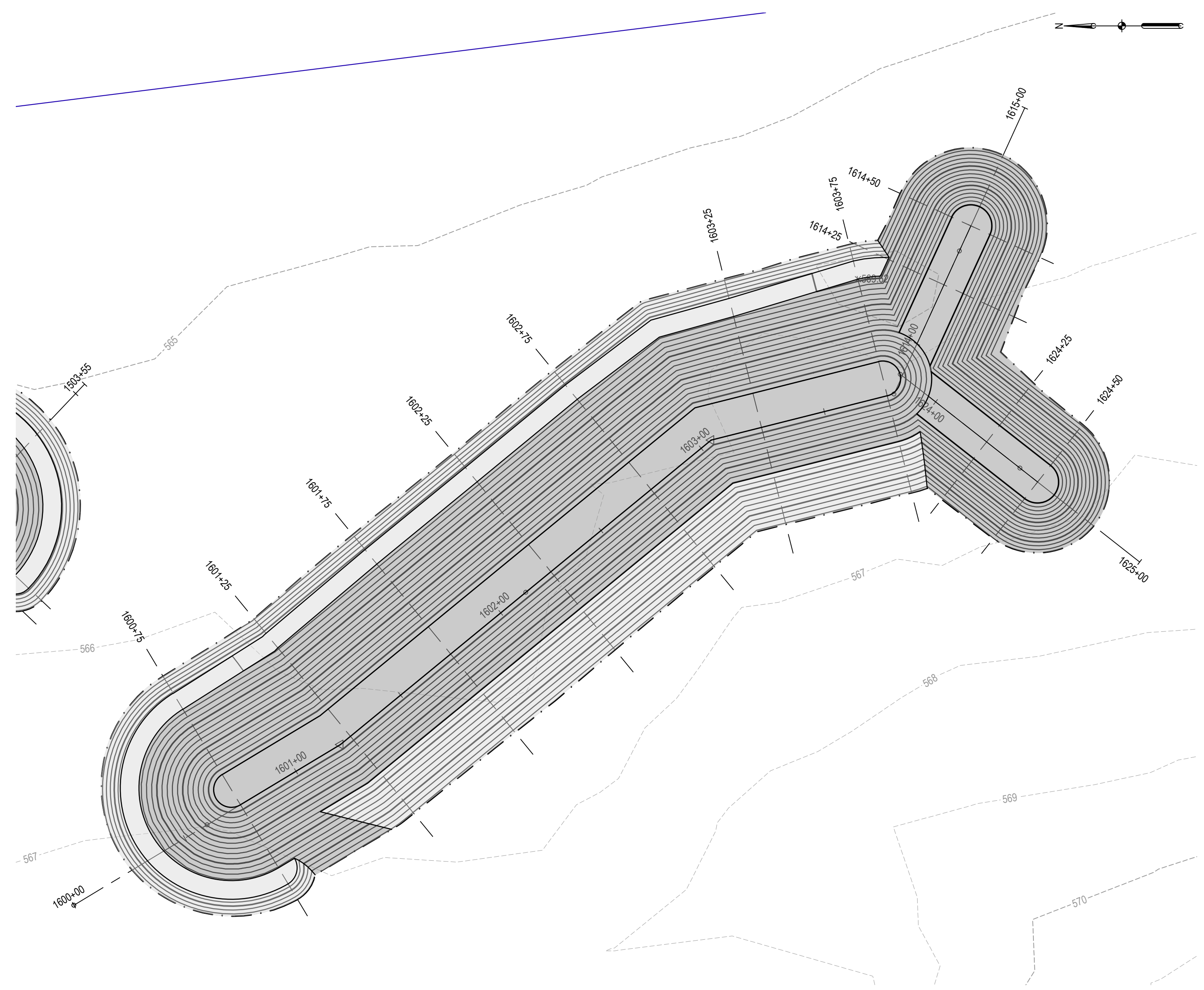
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SECTIONS - BW1.5 (STA 1502+75 TO 1502+83)		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-118
		OF (124) SHEETS

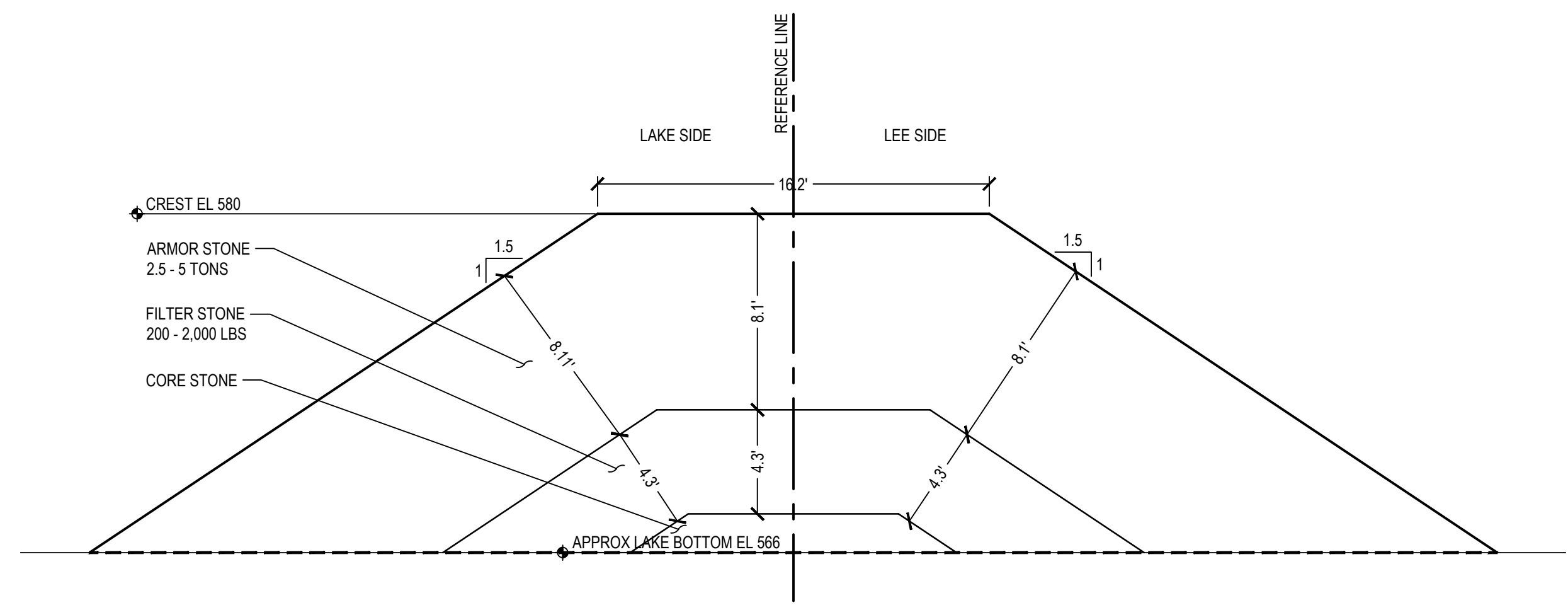
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LEGEND

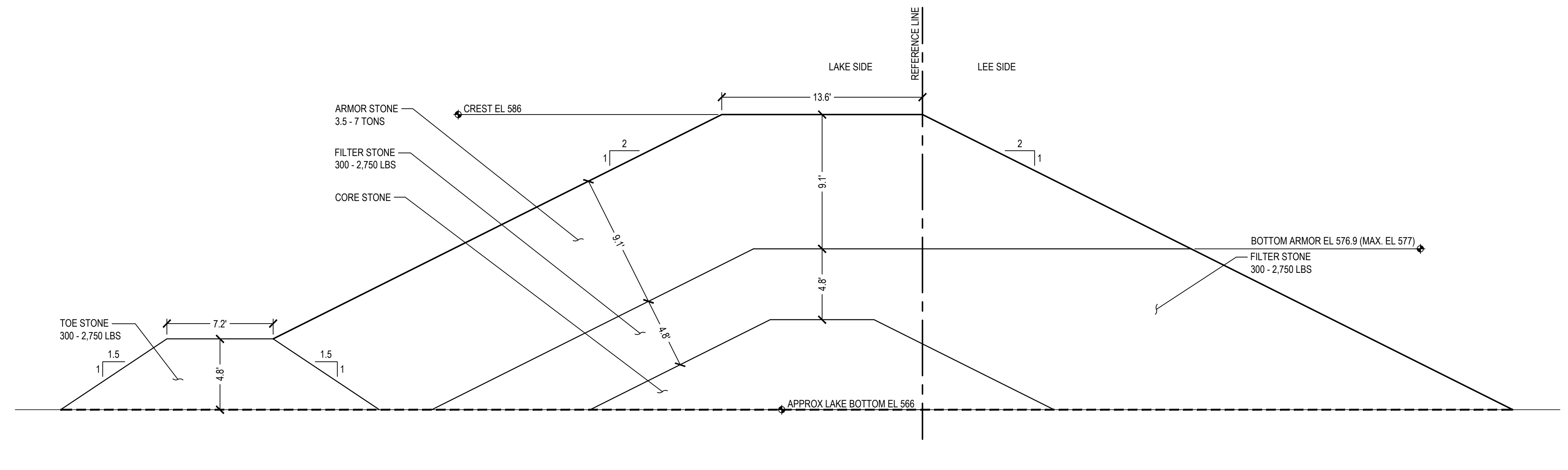
-  ARMOR STONE
-  FILTER STONE / TOE STONE
-  SAND BEACH
-  NAVIGATION AID
-  865 --- EXISTING MAJOR CONTOUR
-  864 --- EXISTING MINOR CONTOUR
-  865 --- PROPOSED MAJOR CONTOUR
-  864 --- PROPOSED MINOR CONTOUR
-  GRADING LIMITS
-  1.5H:1V COASTAL STRUCTURE SIDE SLOPE
-  SECTION - COMPOSITE GEOTEXTILE GEOGRID



1 BW1.6 LAYOUT & GRADING PLAN SCALE: 1" = 30'



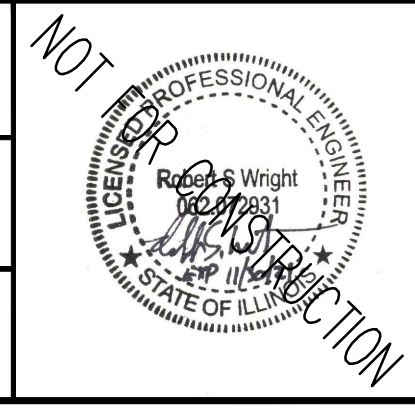
2 BW1.6 FISHTAIL (STA 1614+00 TO 1624+80) SECTION SCALE: 1" = 5'



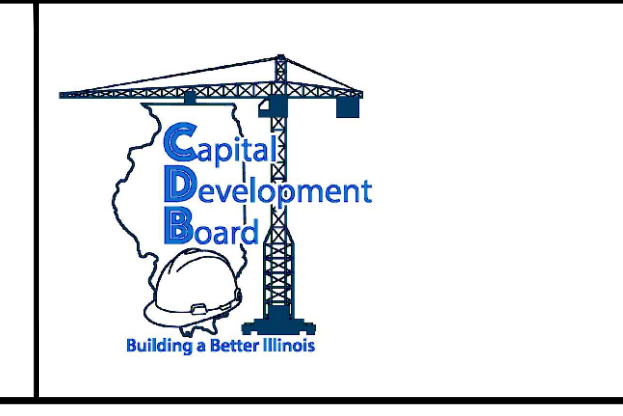
3 BW1.6 TRUNK (START TO 1603+75) SECTION SCALE: 1" = 5'

NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

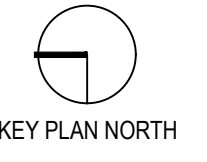
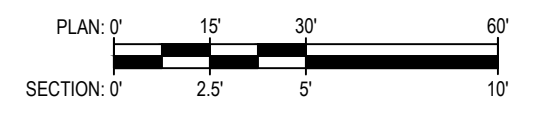
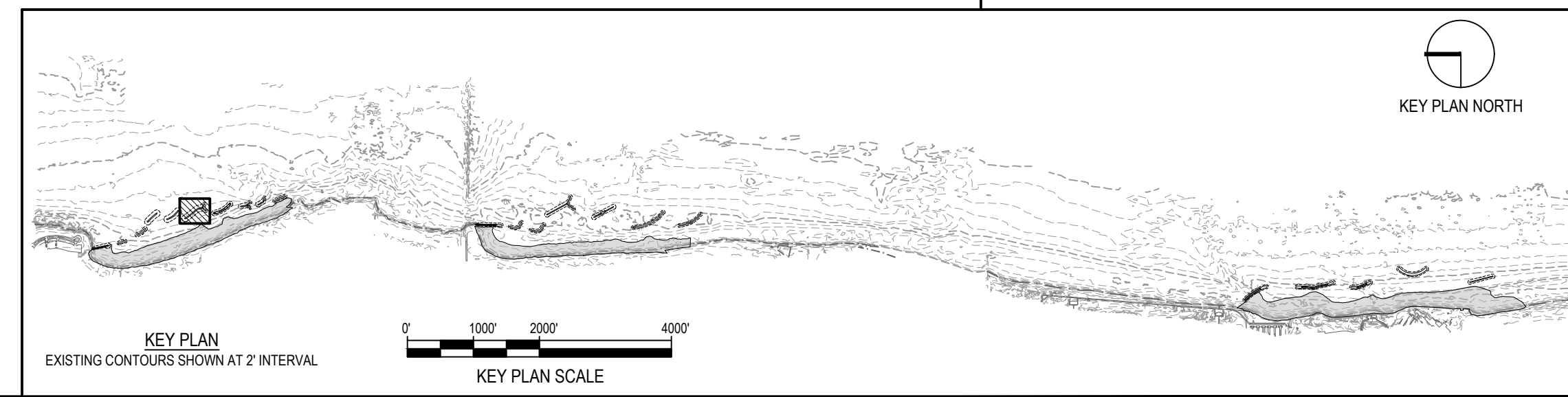
REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---



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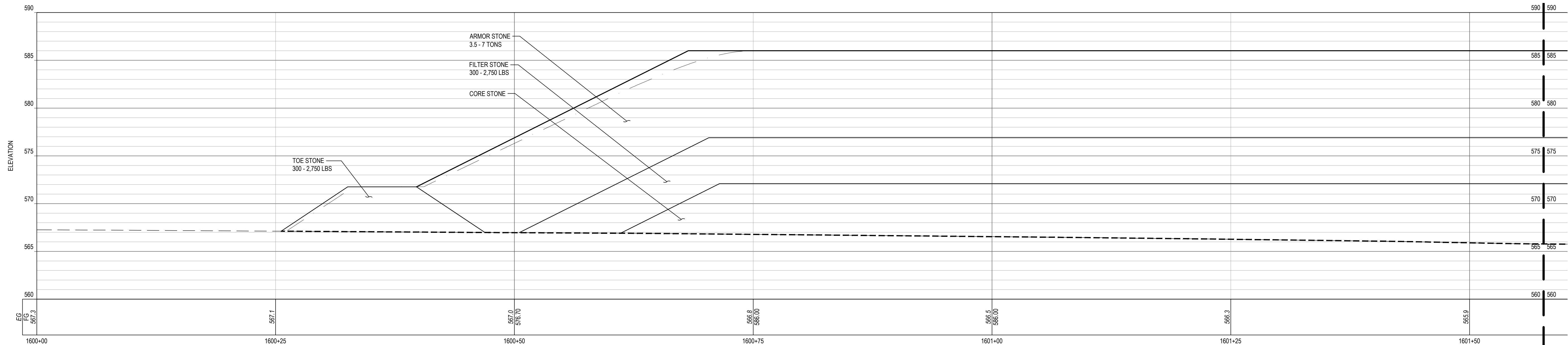


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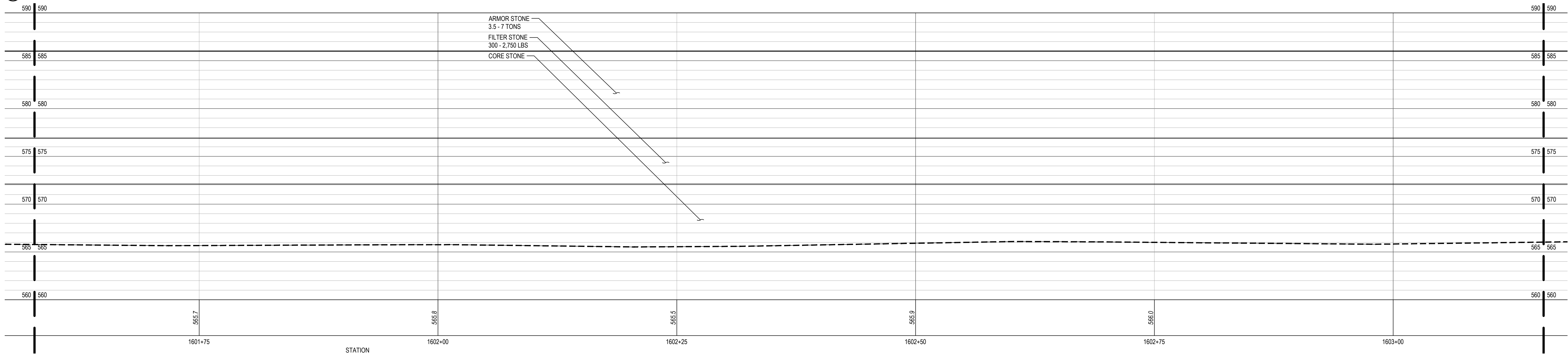


PLAN & TYPICAL SECTIONS - BW1.6		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-119
		OF (124) SHEETS

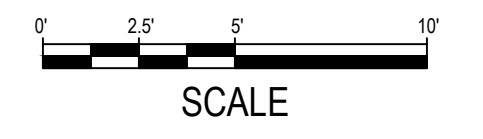
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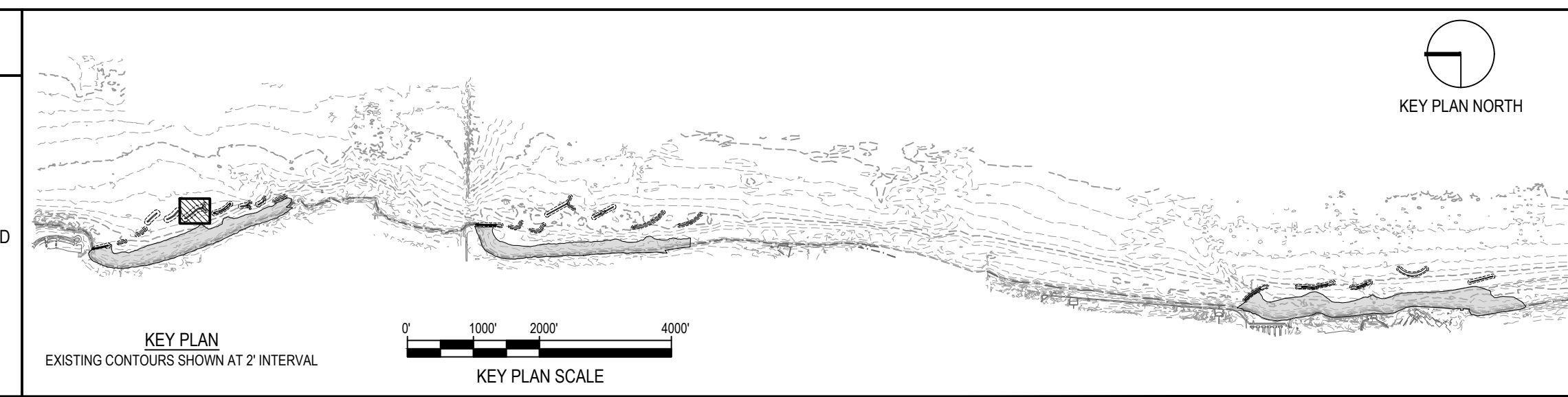
1 BW1.6 PROFILE



2 BW1.6 PROFILE

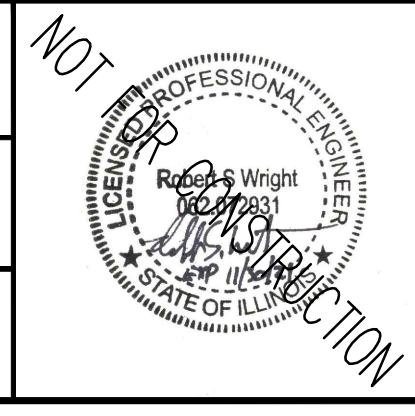


SHEET NOTES	LEGEND
<p>1. STONE LAYERS IN PROFILE ARE SHOWN AT CENTERLINE OF STRUCTURE CREST, WHICH IS NOT THE SAME AS THE REFERENCE LINE. PROFILE FINISH GRADE AT THE REFERENCE LINE IS SHOWN FOR CONTEXT.</p>	<p>--- PROFILE / SECTION - EXISTING GRADE</p> <p>— PROFILE - FINISH GRADE AT CENTERLINE</p> <p>— PROFILE - FINISH GRADE AT REFERENCE LINE</p> <p>--- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID</p> <p>--- SECTION - FINISH BEACH GRADE</p>



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



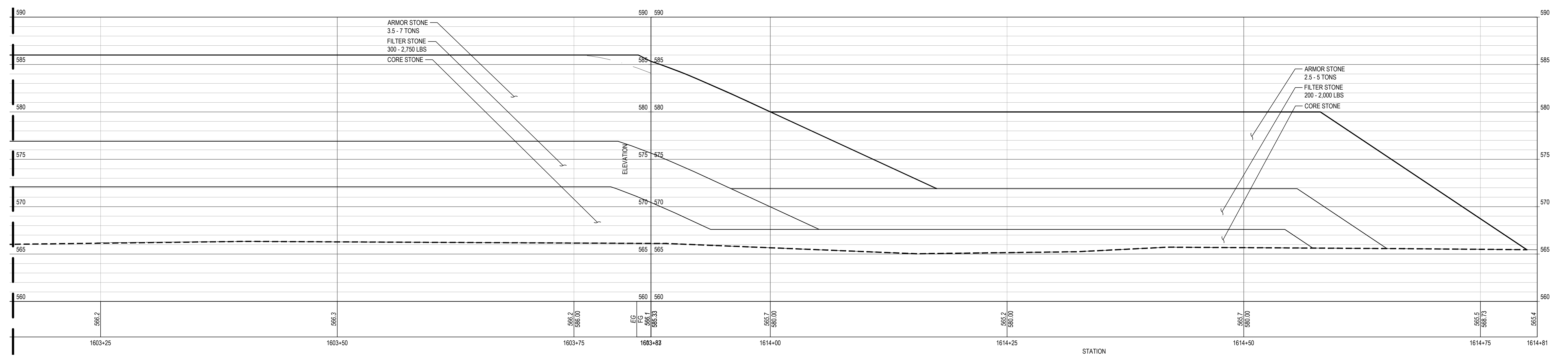
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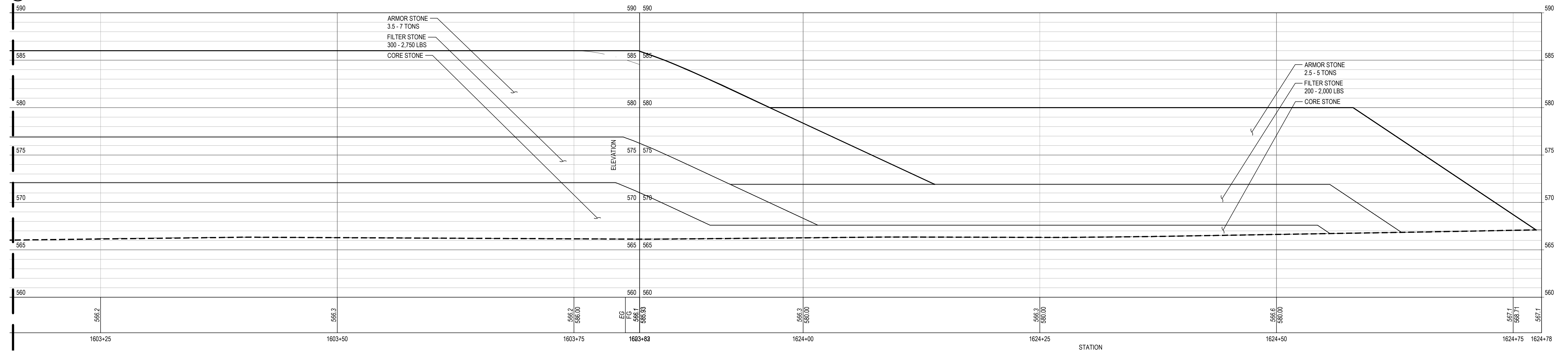
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PROJECT NO. 102-311-099
DATE 02/26/2021
SHEET NO. C-120
OF (124) SHEETS

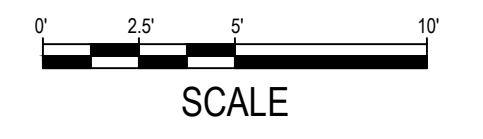
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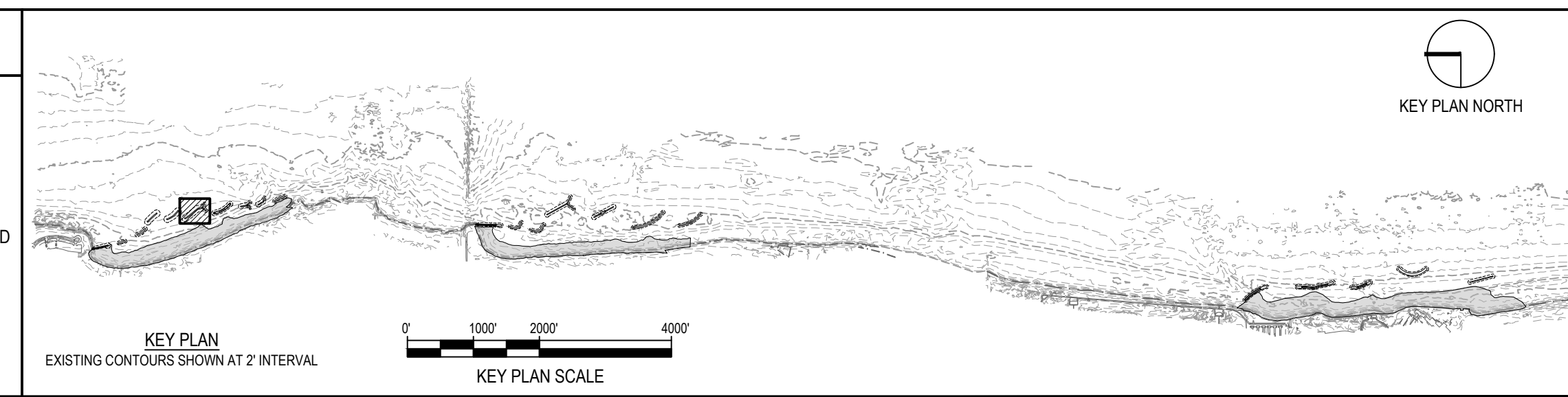
1 BW1.6 PROFILE AT EAST FISHTAIL



2 BW1.6 PROFILE AT WEST FISHTAIL

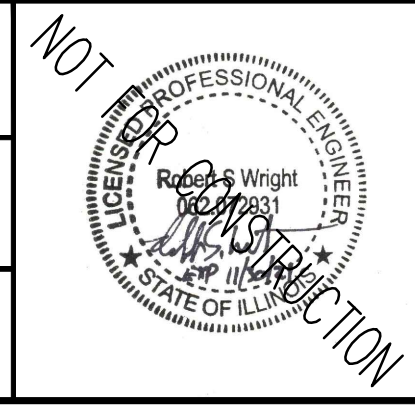


SHEET NOTES	LEGEND
	--- PROFILE / SECTION - EXISTING GRADE
	— PROFILE - FINISH GRADE AT CENTERLINE
	— PROFILE - FINISH GRADE AT REFERENCE LINE
	--- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
	--- SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED

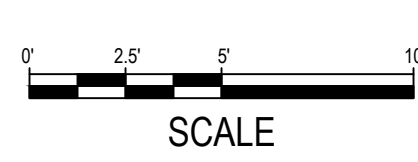
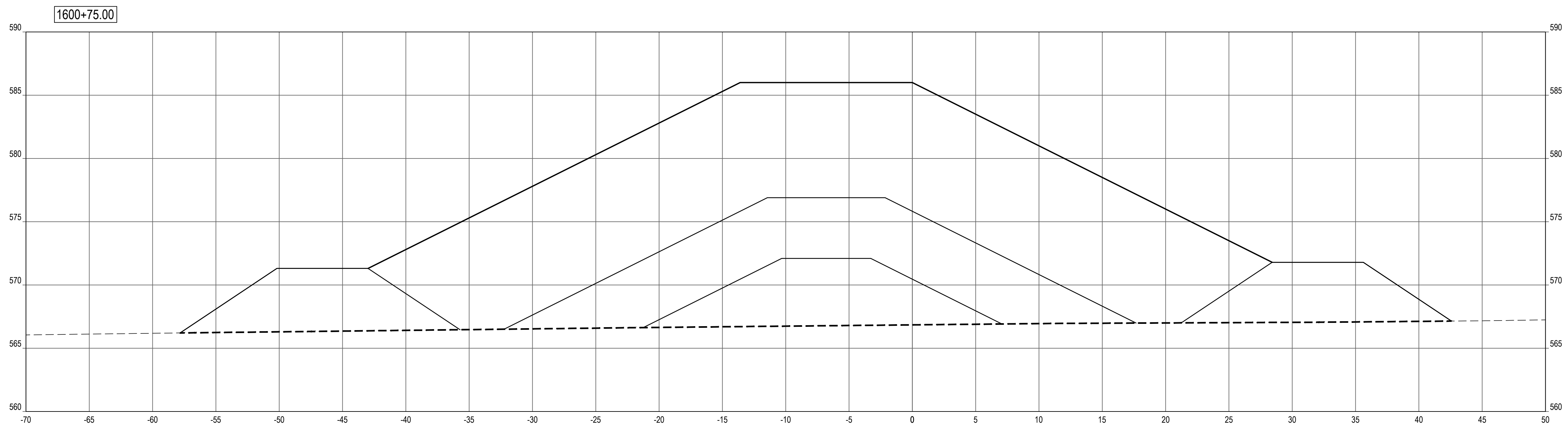
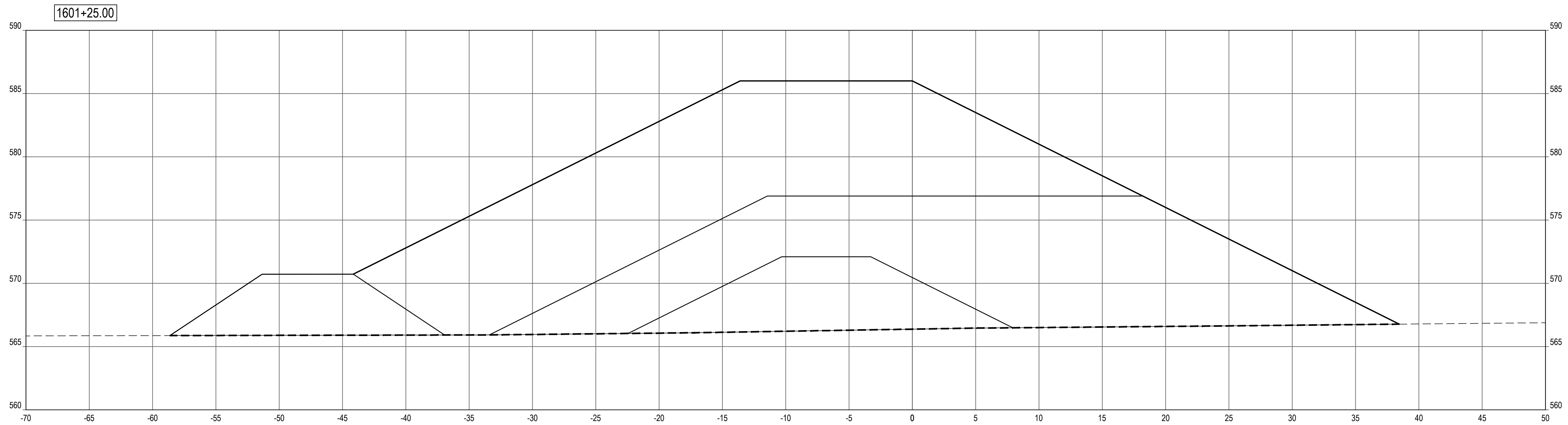


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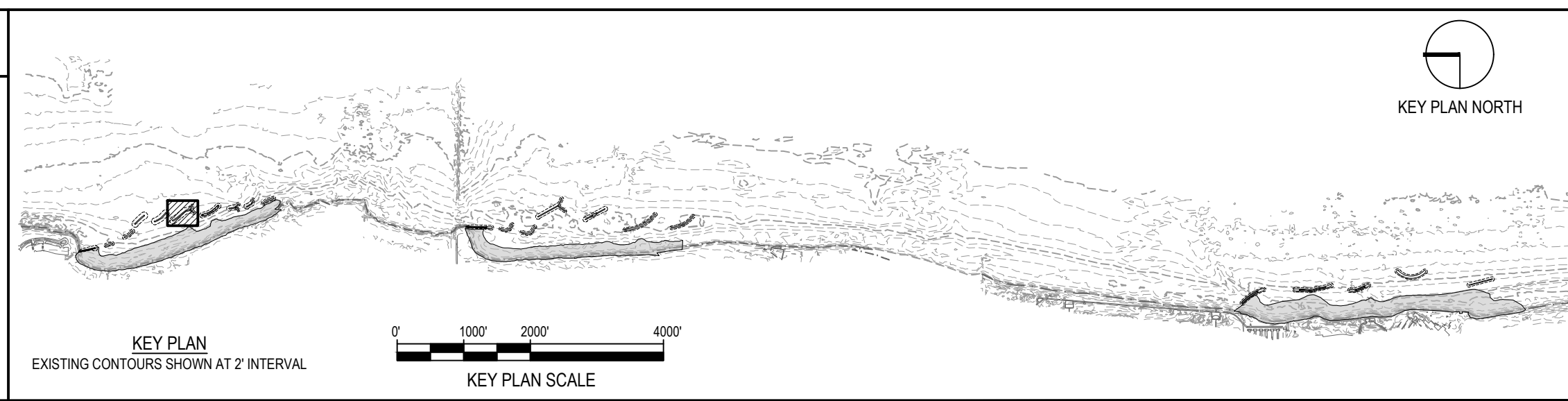
PROFILE - BW1.6 FISHTAILS	PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS	DATE 02/26/2021
	SHEET NO. C-121
	OF (124) SHEETS



SHEET NOTES

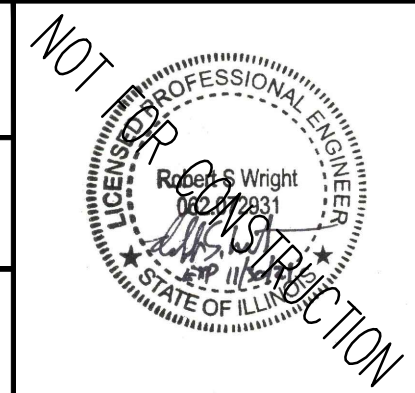
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- · · PROFILE - FINISH GRADE AT REFERENCE LINE
- - - - PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- - - - SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



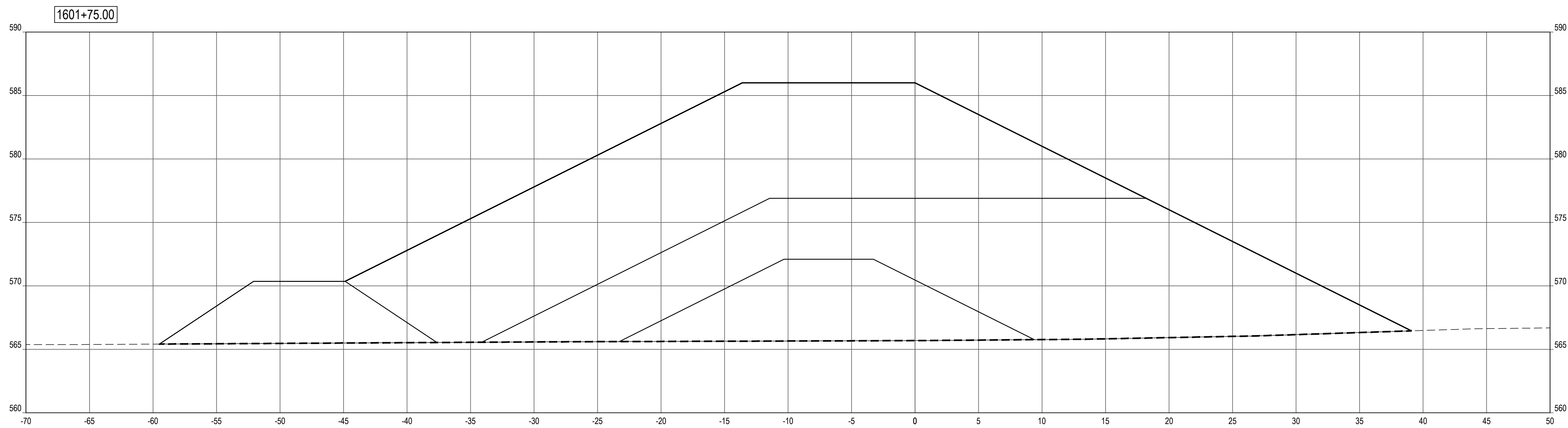
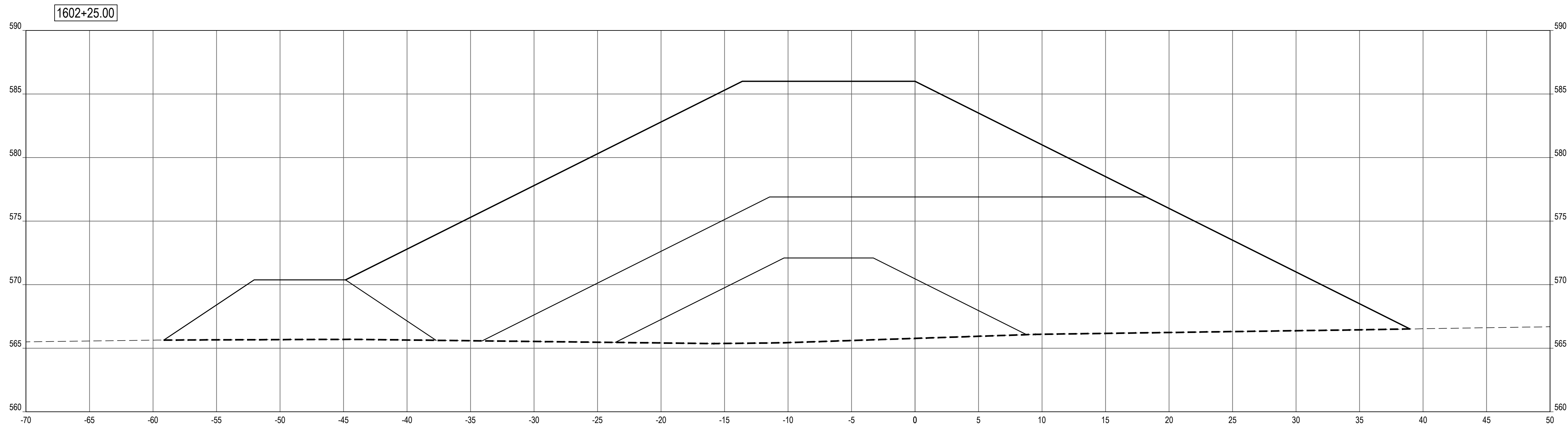
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SECTIONS - BW1.6 (STA 1600+75 TO 1601+25)		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-122
		OF (124) SHEETS

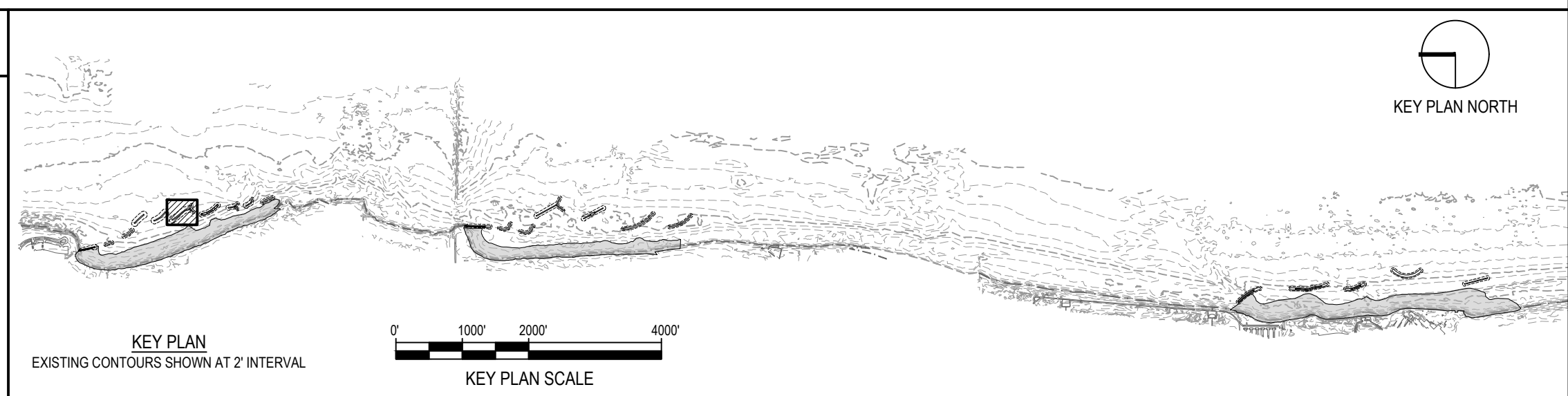
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SHEET NOTES

LEGEND

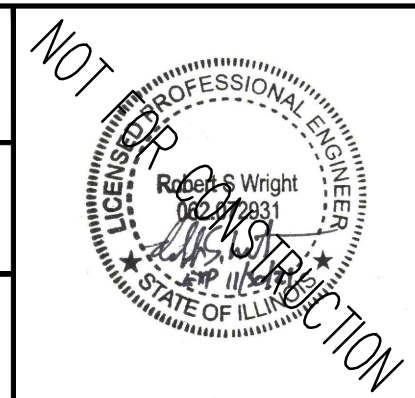
- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS		
NO.	DATE	REMARKS

DRAWN	---	PREPARED	---
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CHECKED	---	APPROVED	---



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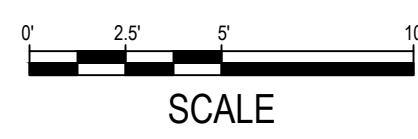
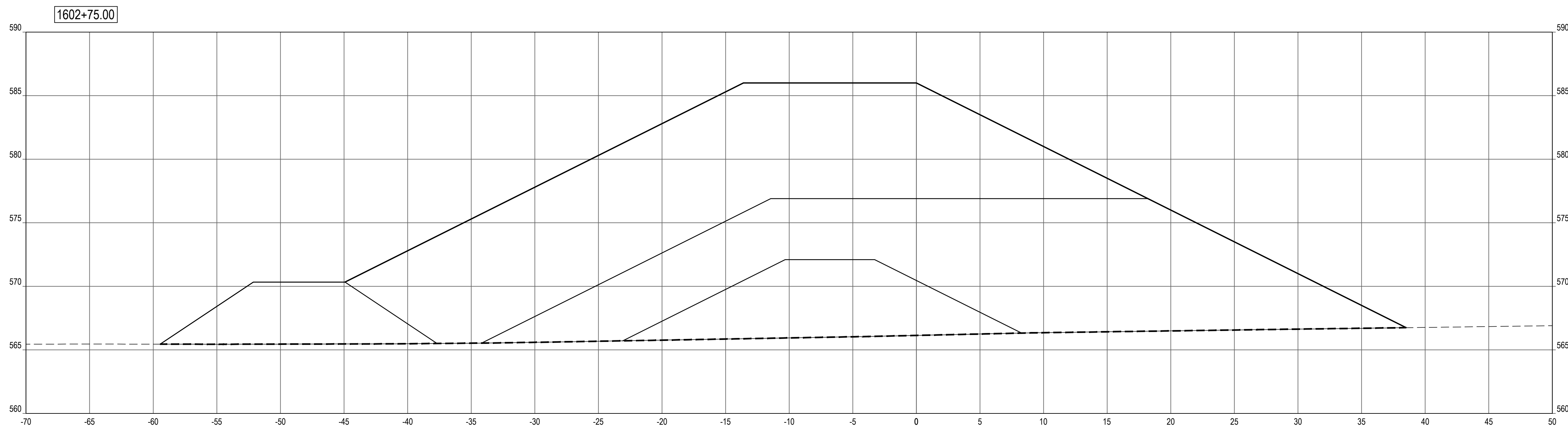
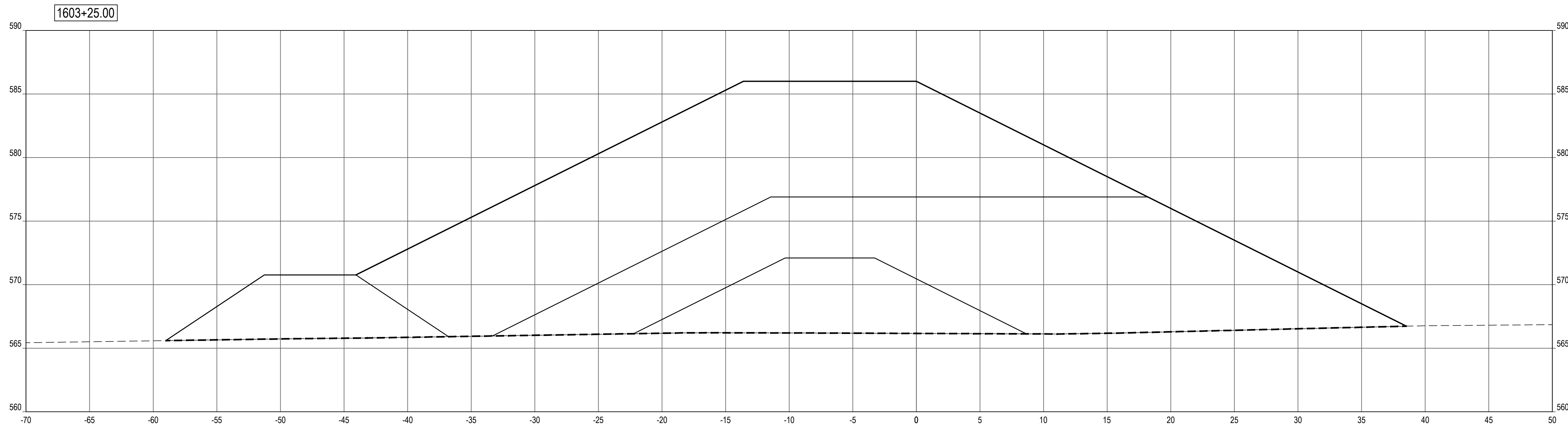


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SECTIONS - BW1.6 (STA 1601+75 TO 1602+25)
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-123**
 OF (124) SHEETS

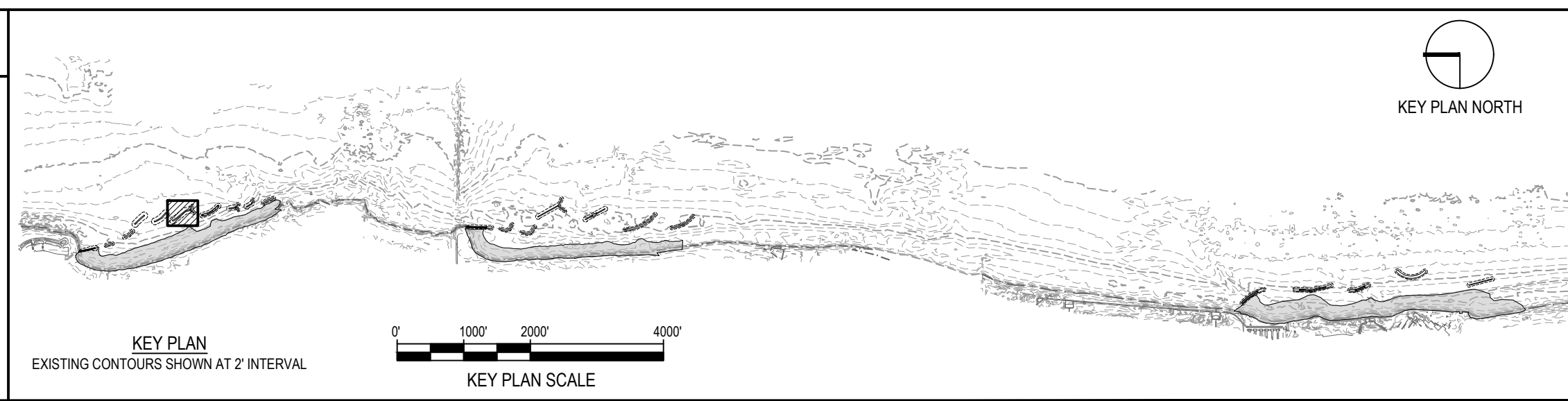
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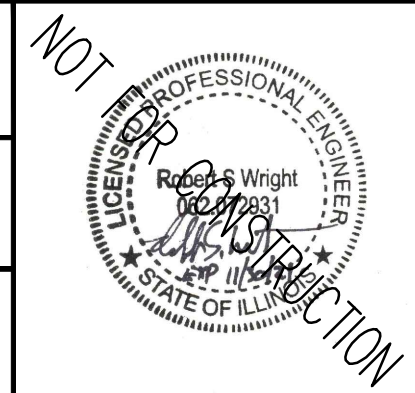
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- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
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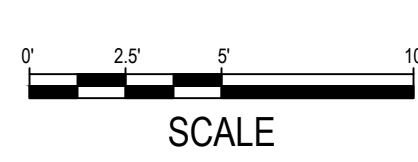
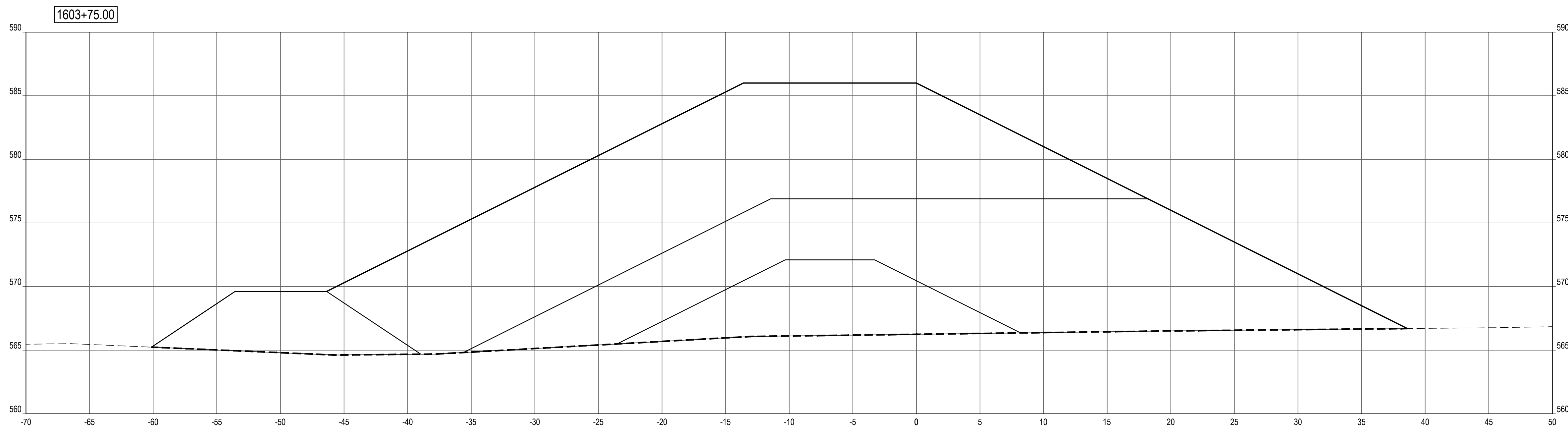
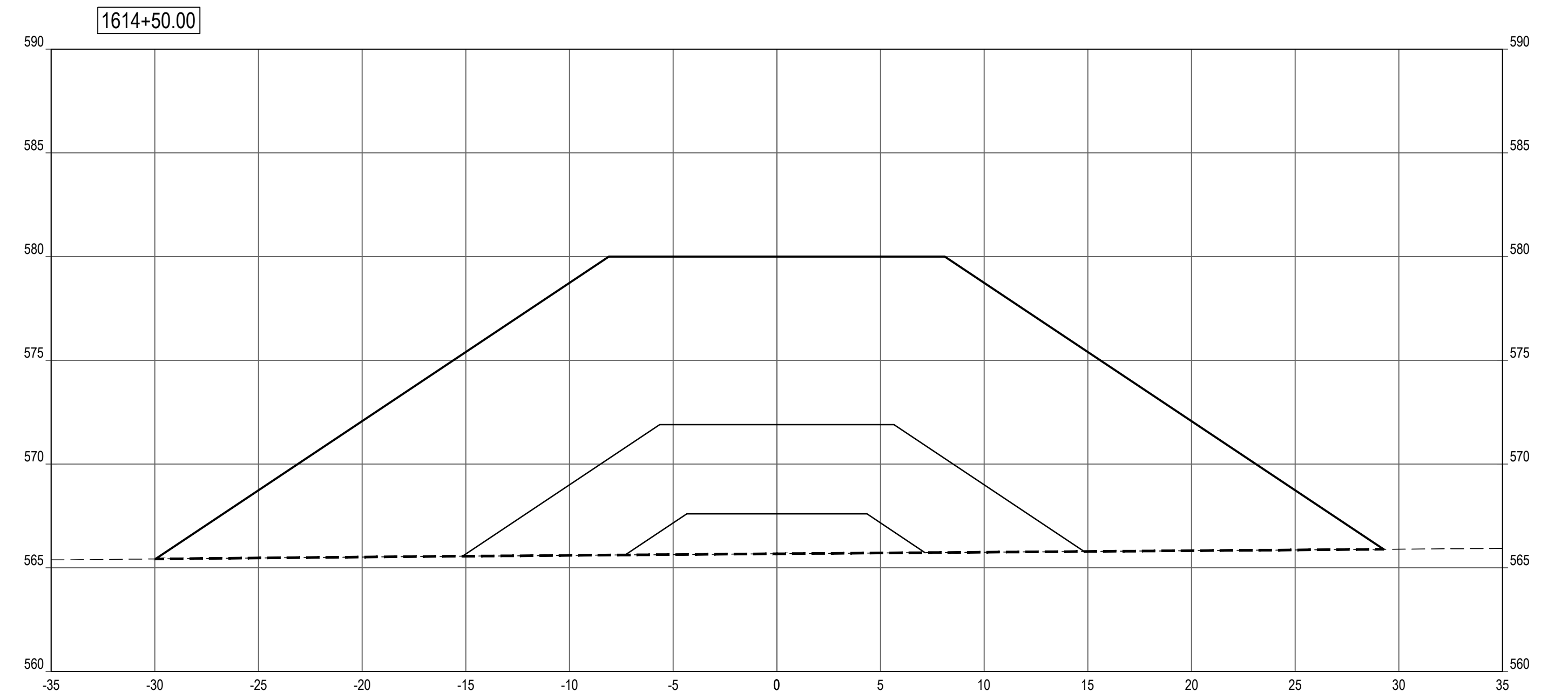
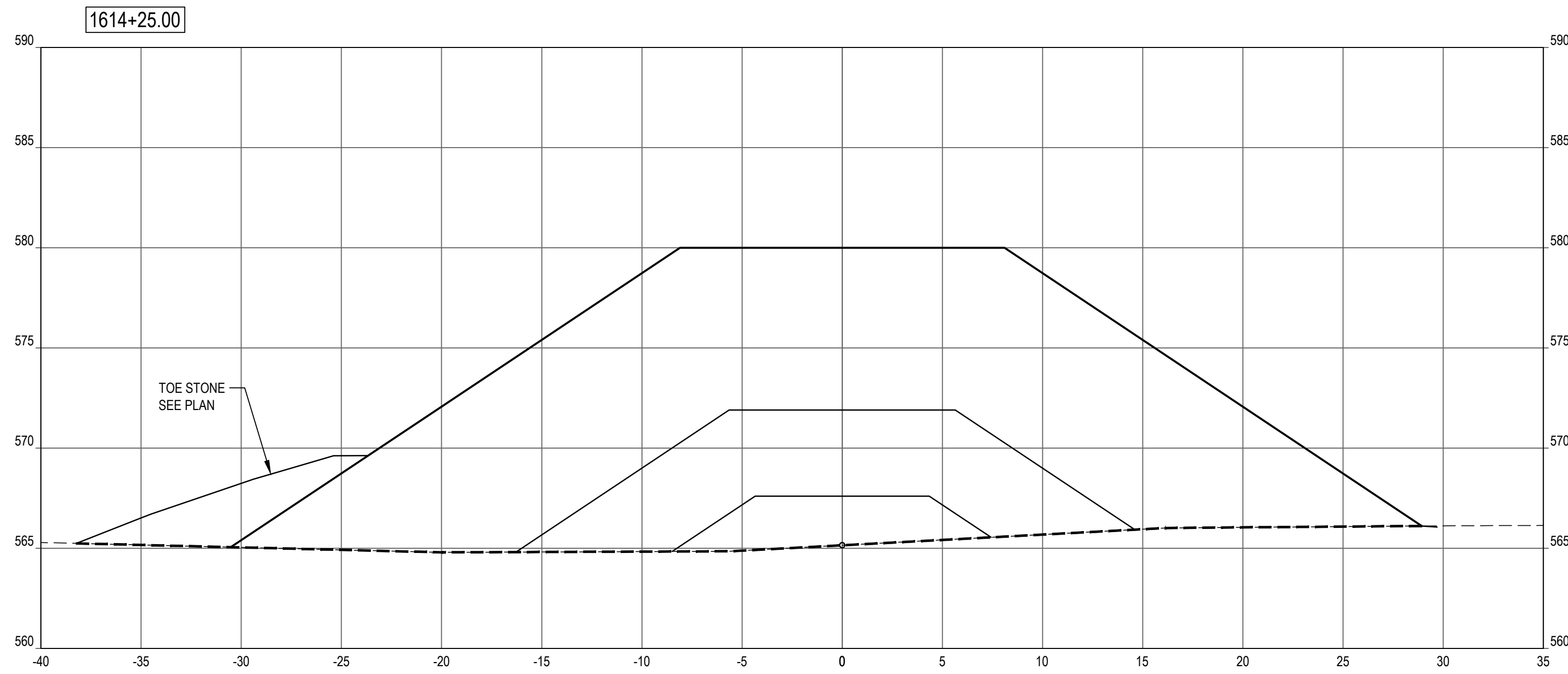
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SECTIONS - BW1.6 (STA 1062+75 TO 1603+25)		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-124
		OF (124) SHEETS

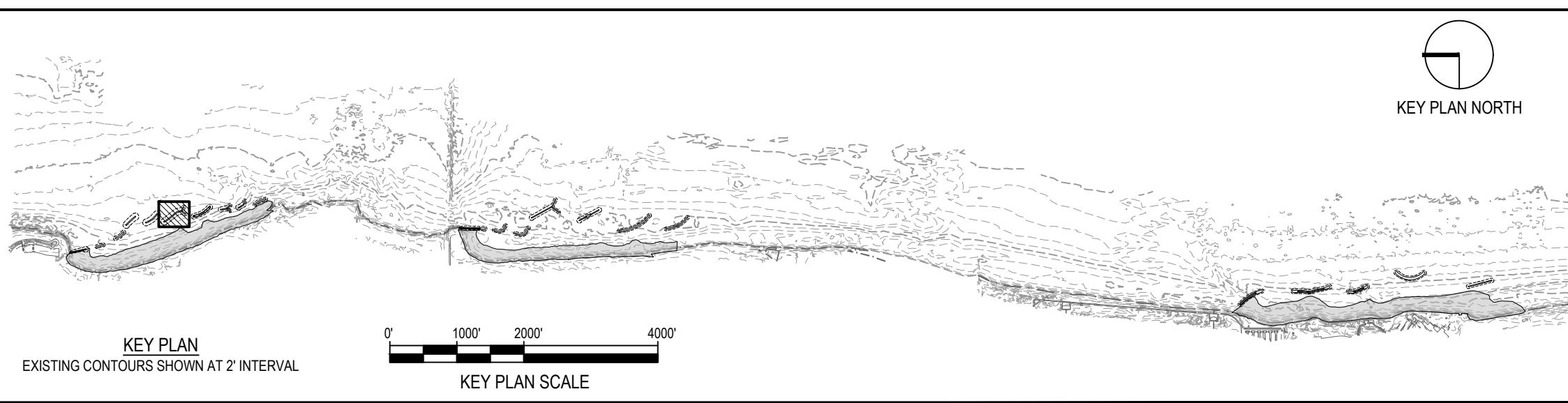
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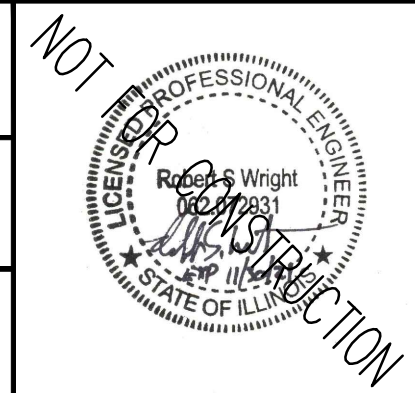
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- · · PROFILE - FINISH GRADE AT REFERENCE LINE
- - - - PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- - - - SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
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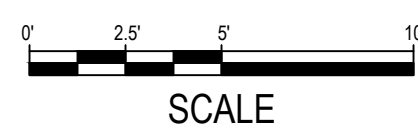
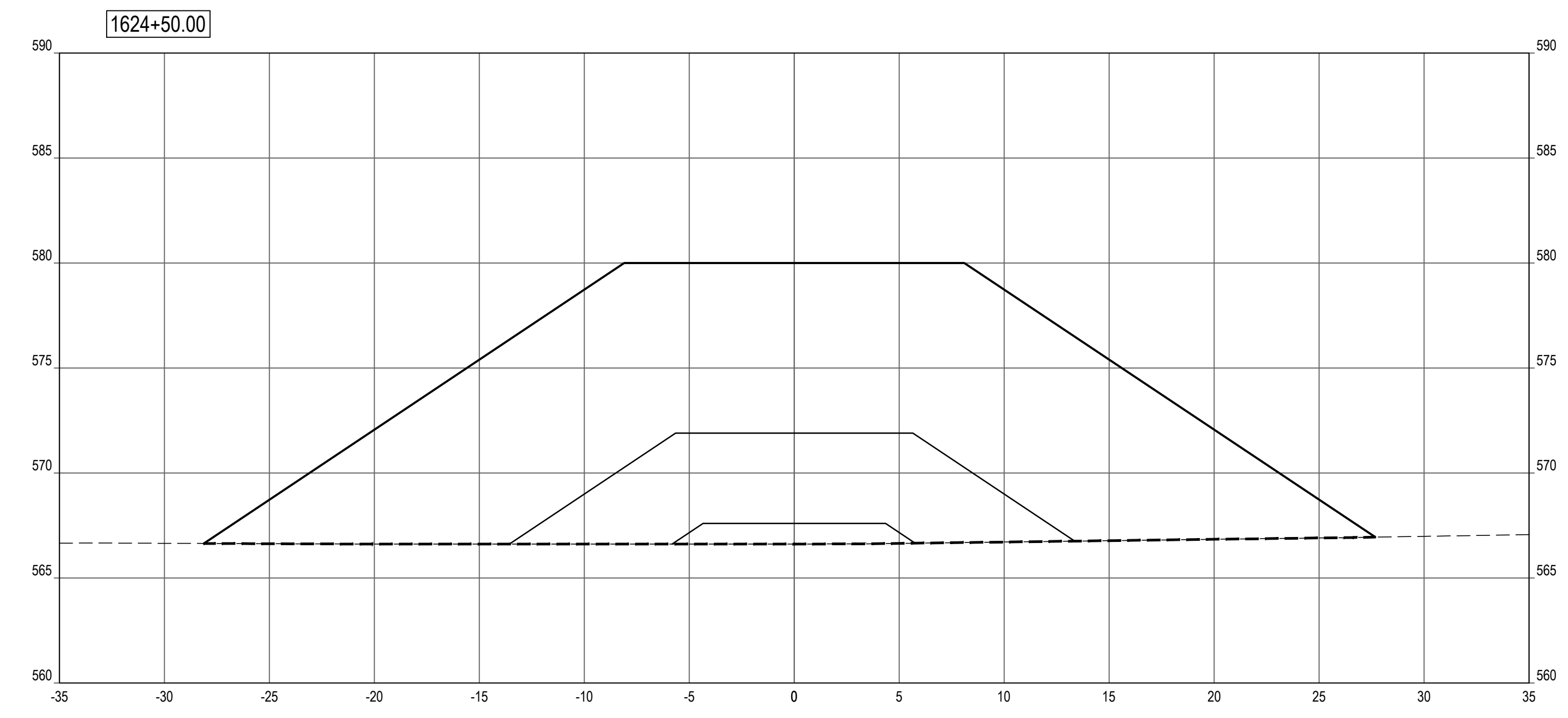
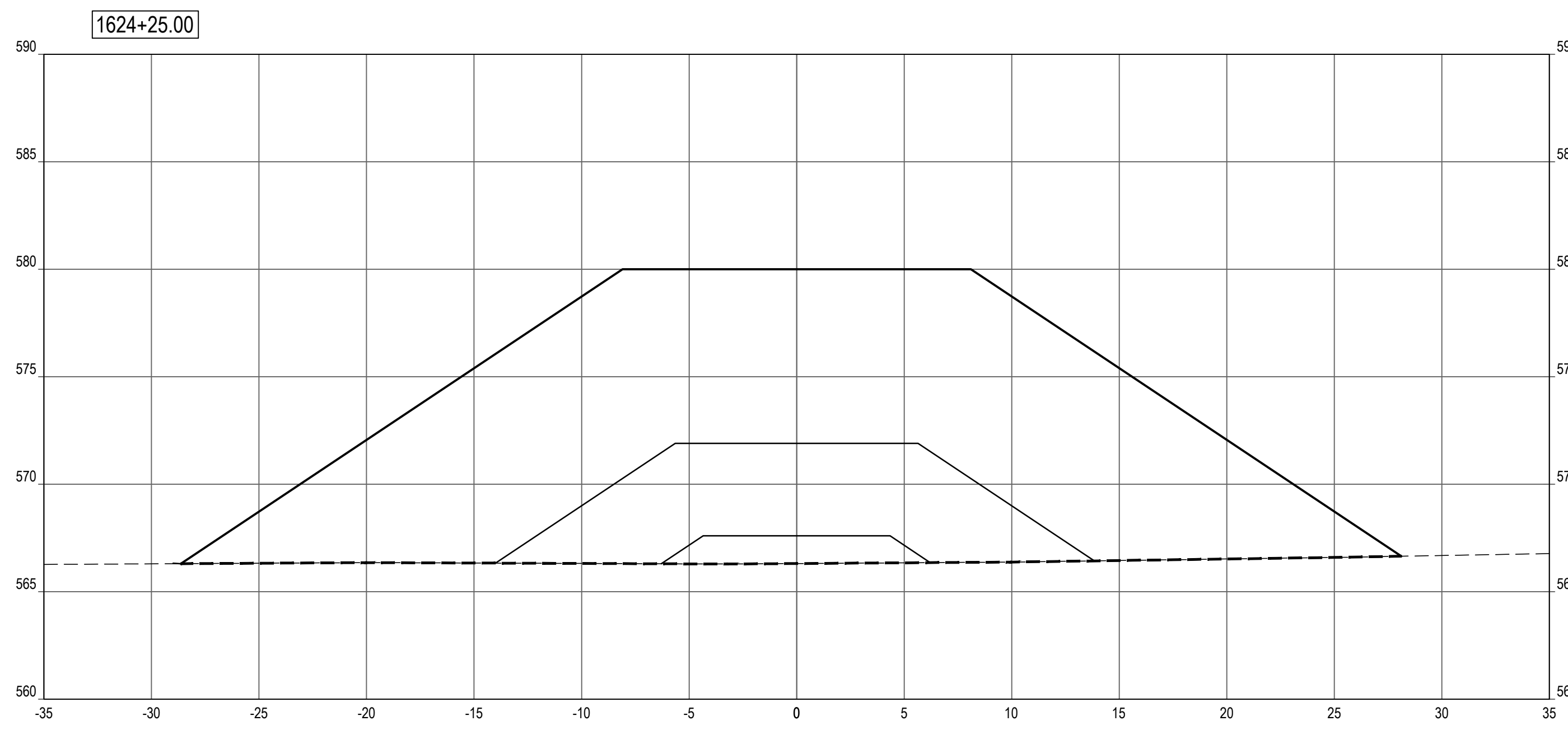
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SECTIONS - BW1.6 (STA 1603+75 TO 1614+50)		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-125
		OF (124) SHEETS

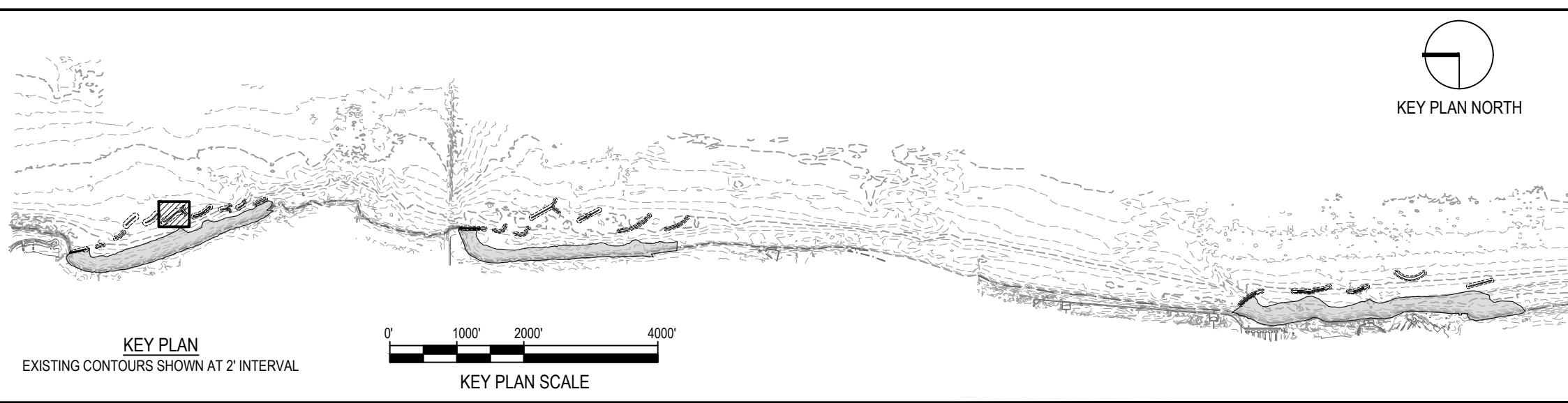
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SHEET NOTES

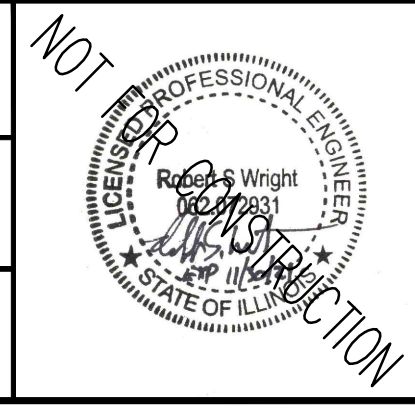
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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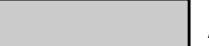
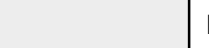
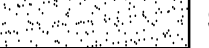



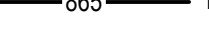
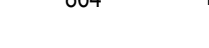
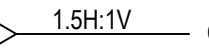
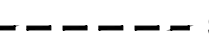
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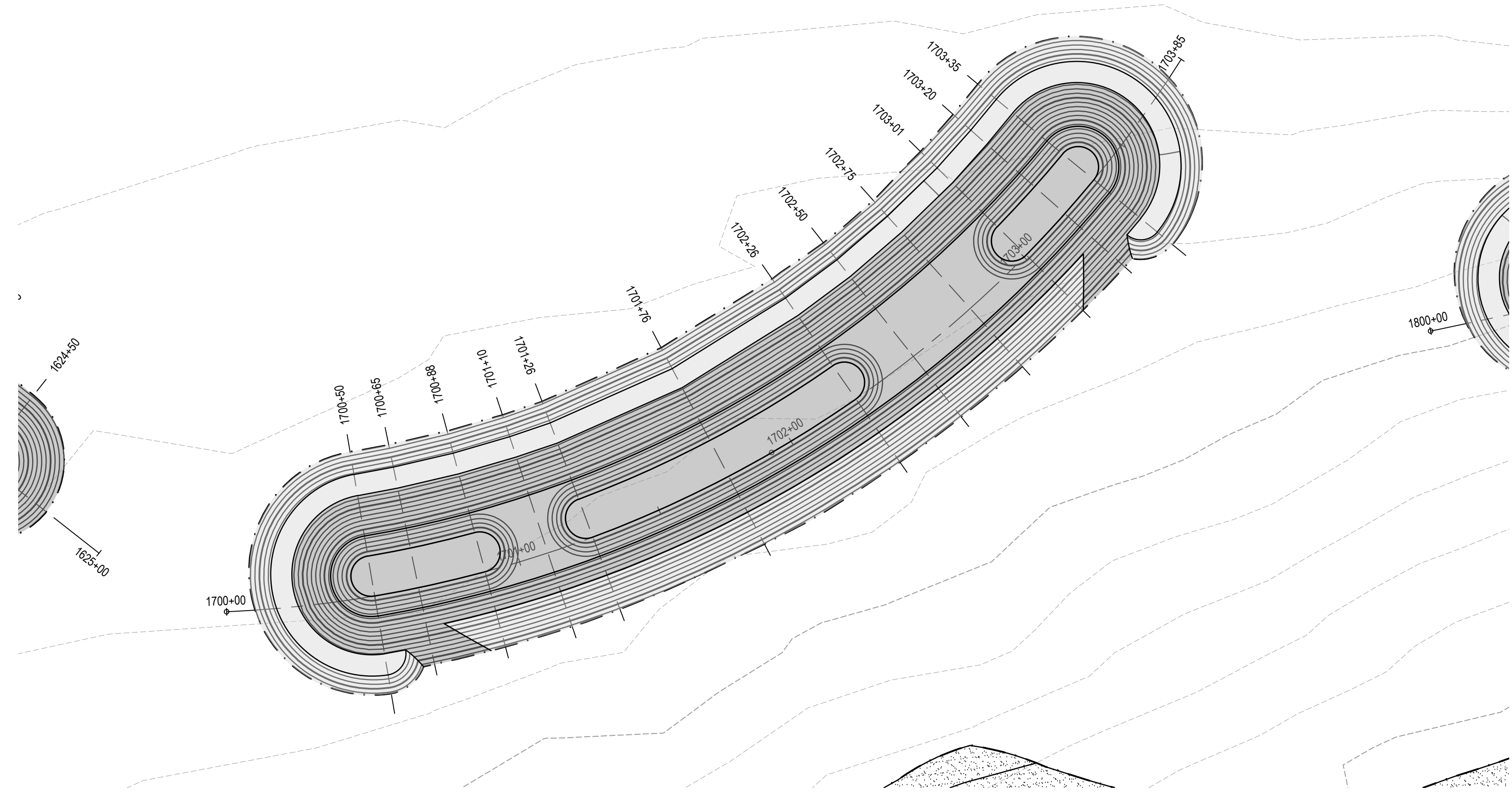
SECTIONS - BW1.6 (STA 1624+25 TO 1624+50)
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-126**
 OF (124) SHEETS

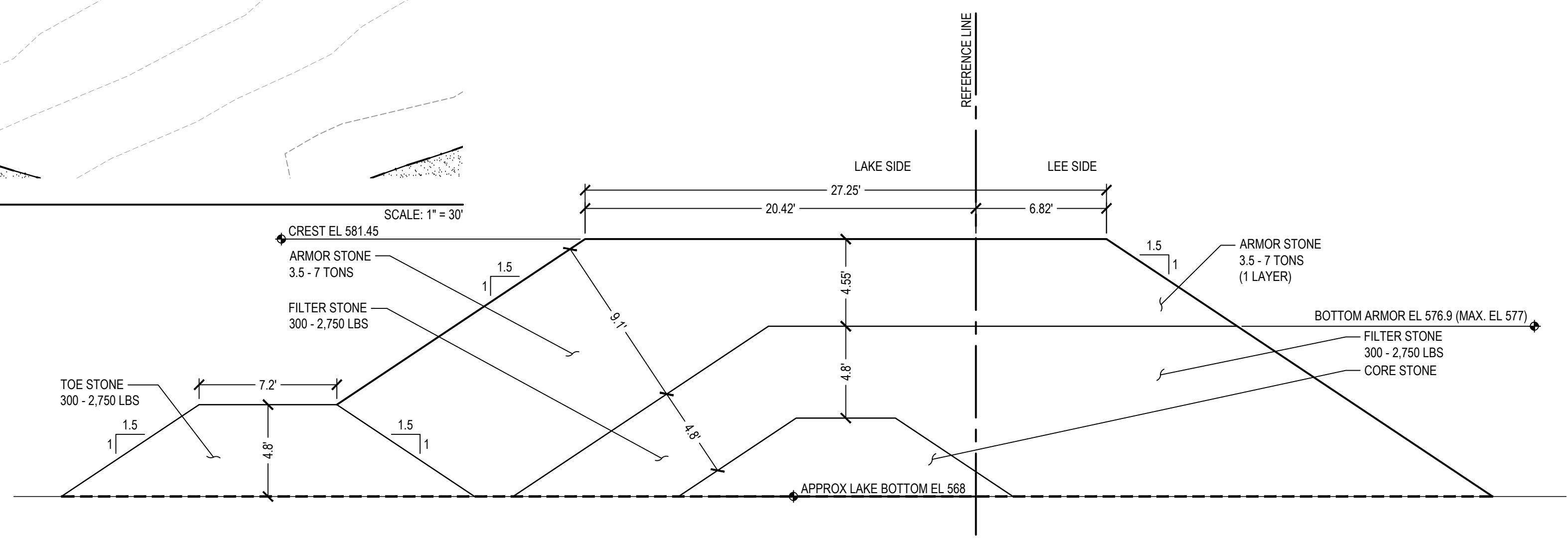
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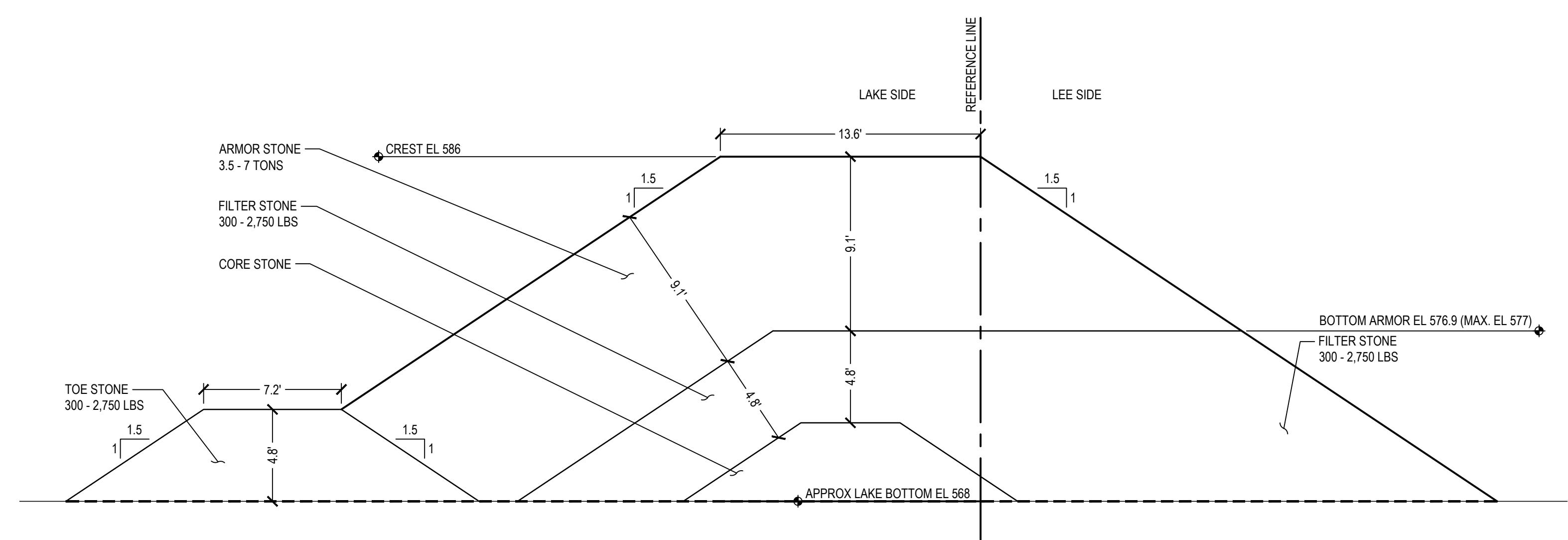
-  ARMOR STONE
-  FILTER STONE / TOE STONE
-  SAND BEACH
-  NAVIGATION AID
-  - - - 865 - - - EXISTING MAJOR CONTOUR
-  - - - 864 - - - EXISTING MINOR CONTOUR
-  ——— 865 ——— PROPOSED MAJOR CONTOUR
-  ——— 864 ——— PROPOSED MINOR CONTOUR
- GRADING LIMITS
-  1.5H:1V COASTAL STRUCTURE SIDE SLOPE
-  - - - - - SECTION - COMPOSITE GEOTEXTILE GEOGRID



1 BW1.7 LAYOUT & GRADING
PLAN

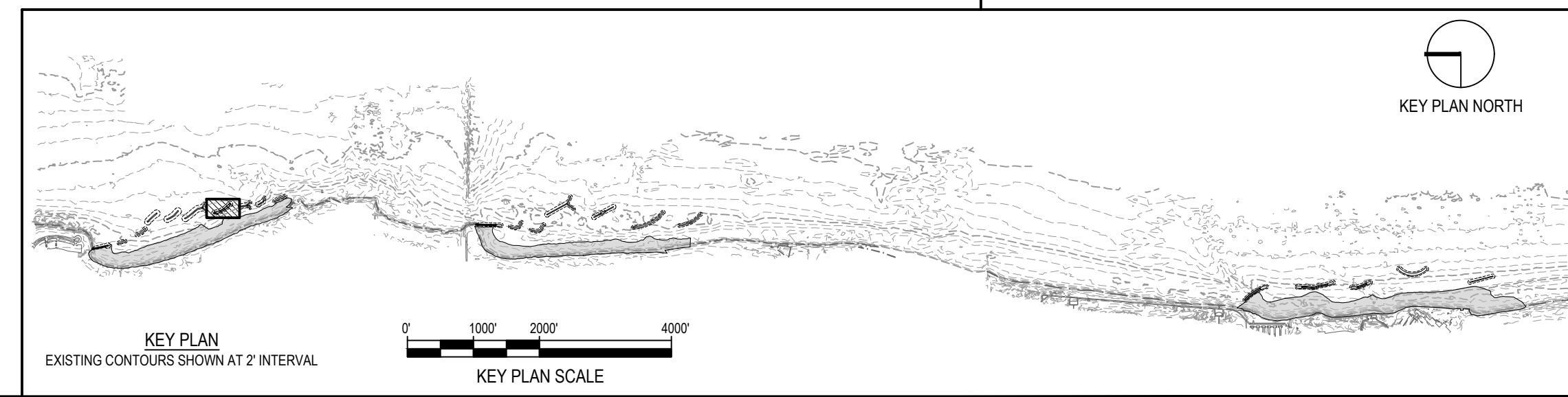
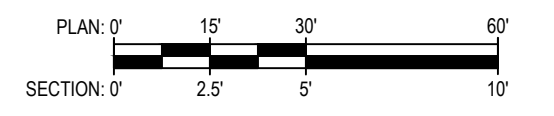


2 BW1.7 LOW TRUNK / SADDLE
SECTION

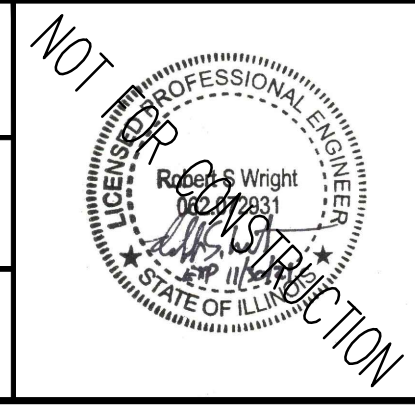


3 BW1.7 TRUNK
SECTION

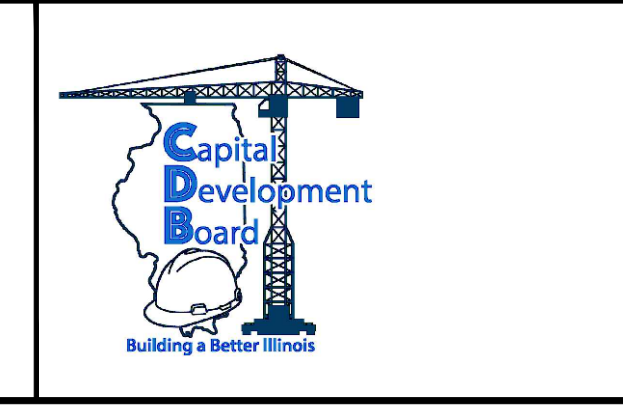
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NO.	DATE	REMARKS	---	---



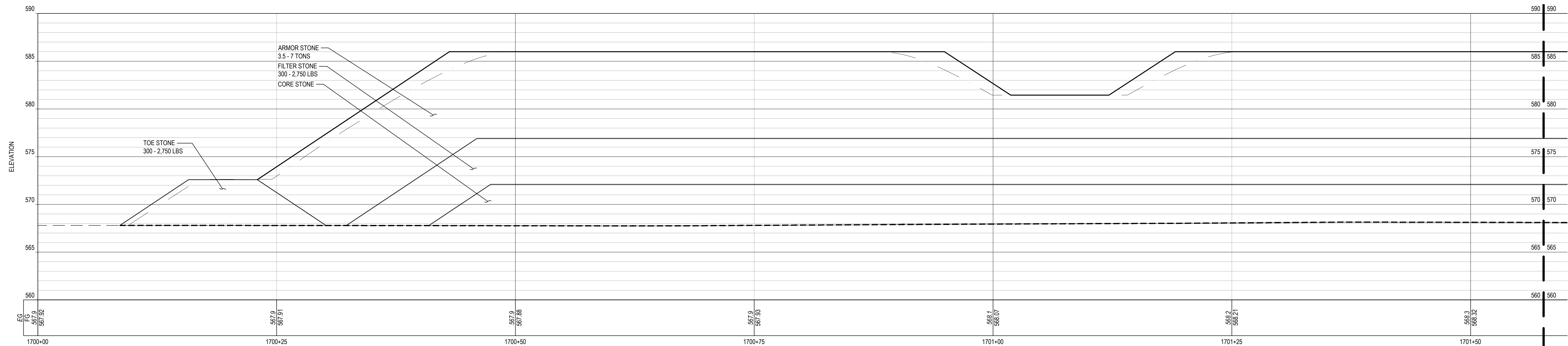
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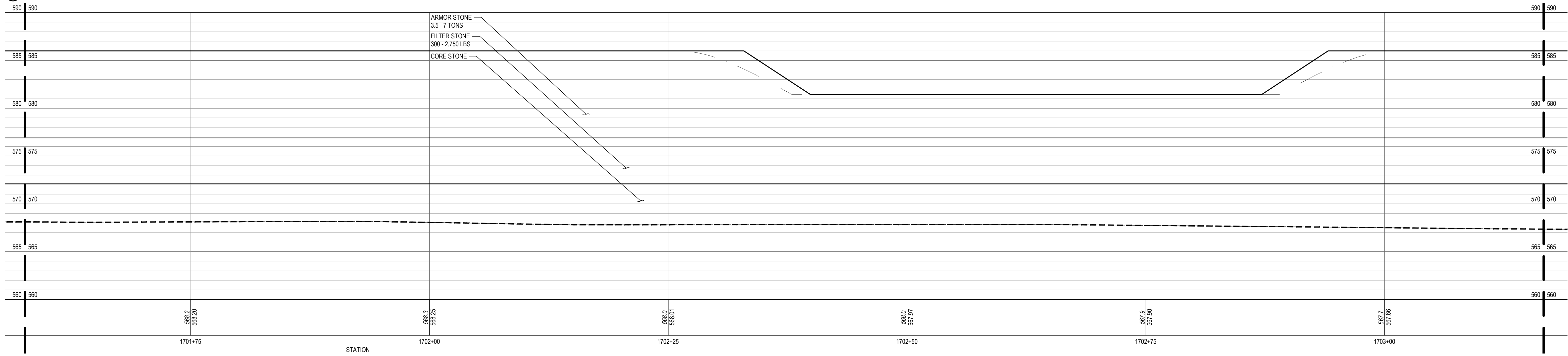
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PLAN & TYPICAL SECTIONS - BW1.7		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-127
		OF (124) SHEETS

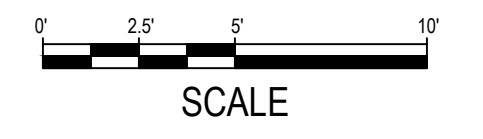
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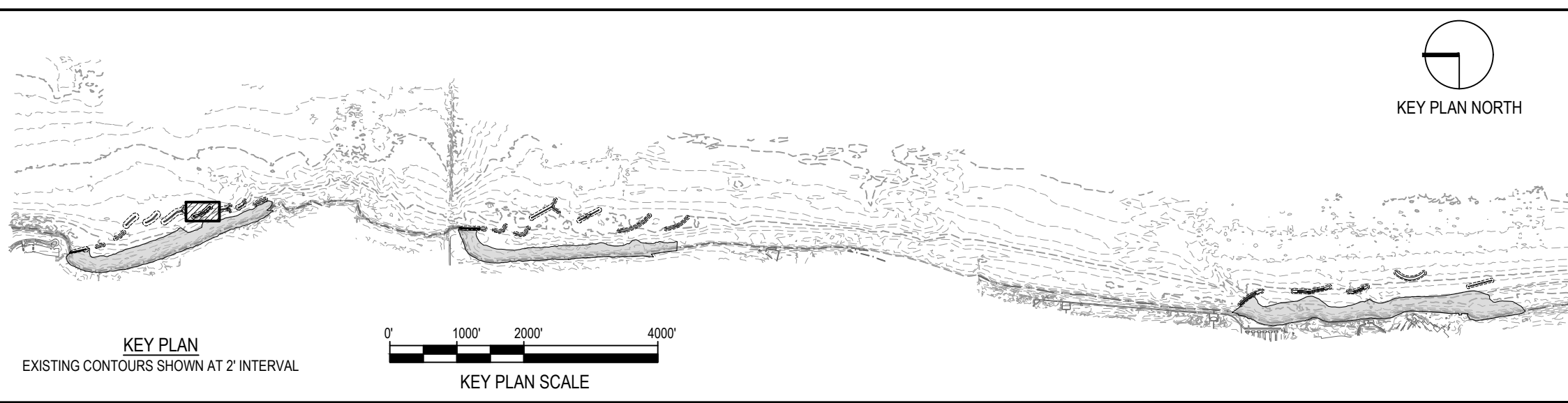
1 BW1.7 PROFILE



2 BW1.7 PROFILE

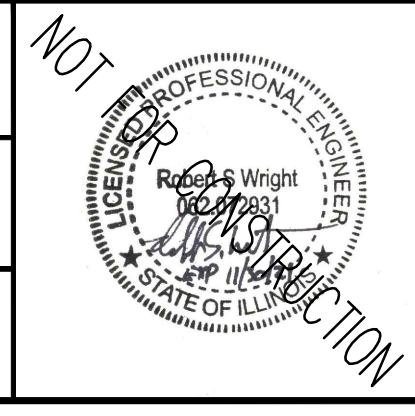


SHEET NOTES	LEGEND
<p>1. STONE LAYERS IN PROFILE ARE SHOWN AT CENTERLINE OF STRUCTURE CREST, WHICH IS NOT THE SAME AS THE REFERENCE LINE. PROFILE FINISH GRADE AT THE REFERENCE LINE IS SHOWN FOR CONTEXT.</p>	<p>--- PROFILE / SECTION - EXISTING GRADE — PROFILE - FINISH GRADE AT CENTERLINE - - - PROFILE - FINISH GRADE AT REFERENCE LINE - - - PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID - - - SECTION - FINISH BEACH GRADE</p>



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



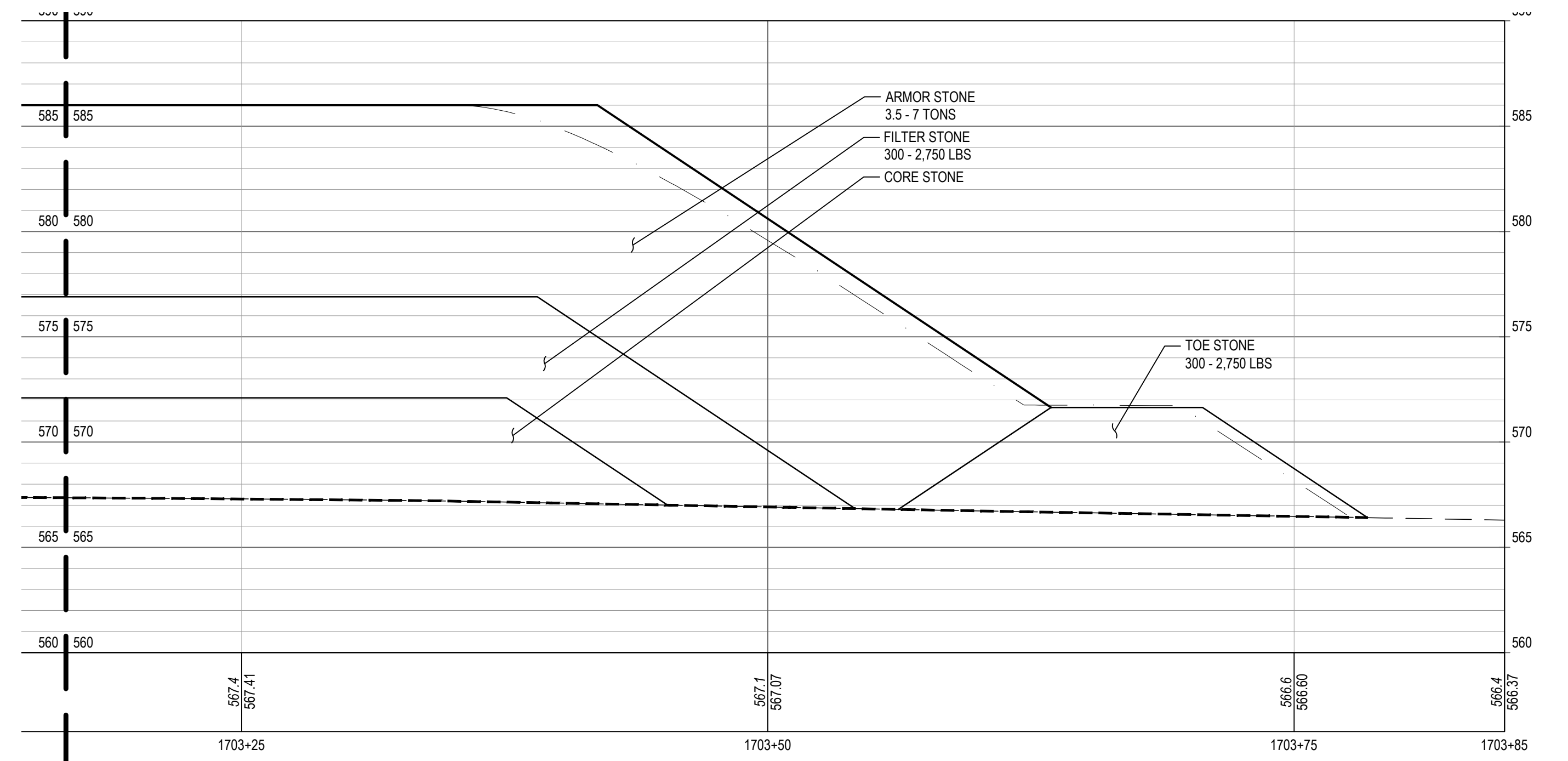
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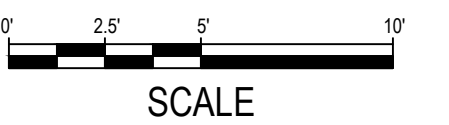
PROJECT NO. 102-311-099
DATE 02/26/2021
SHEET NO. C-128
OF (124) SHEETS

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1 BW1.7 PROFILE

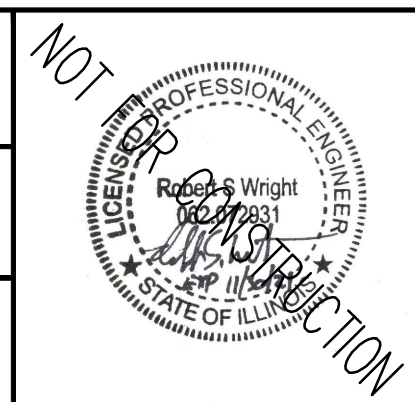
SCALE: 1" = 5'



<p style="text-align: center;">SHEET NOTES</p> <p>1. STONE LAYERS IN PROFILE ARE SHOWN AT CENTERLINE OF STRUCTURE CREST, WHICH IS NOT THE SAME AS THE REFERENCE LINE. PROFILE FINISH GRADE AT THE REFERENCE LINE IS SHOWN FOR CONTEXT.</p>	<p style="text-align: center;">LEGEND</p> <ul style="list-style-type: none"> --- PROFILE / SECTION - EXISTING GRADE —— PROFILE - FINISH GRADE AT CENTERLINE --- PROFILE - FINISH GRADE AT REFERENCE LINE --- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID ----- SECTION - FINISH BEACH GRADE 	<p style="text-align: center;">KEY PLAN</p> <p>EXISTING CONTOURS SHOWN AT 2' INTERVAL</p> <p style="text-align: center;">KEY PLAN NORTH</p> <p style="text-align: center;">SCALE: 1" = 100'</p>
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NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
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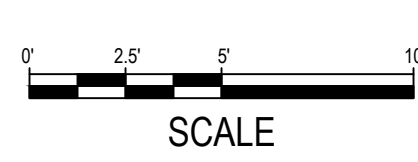
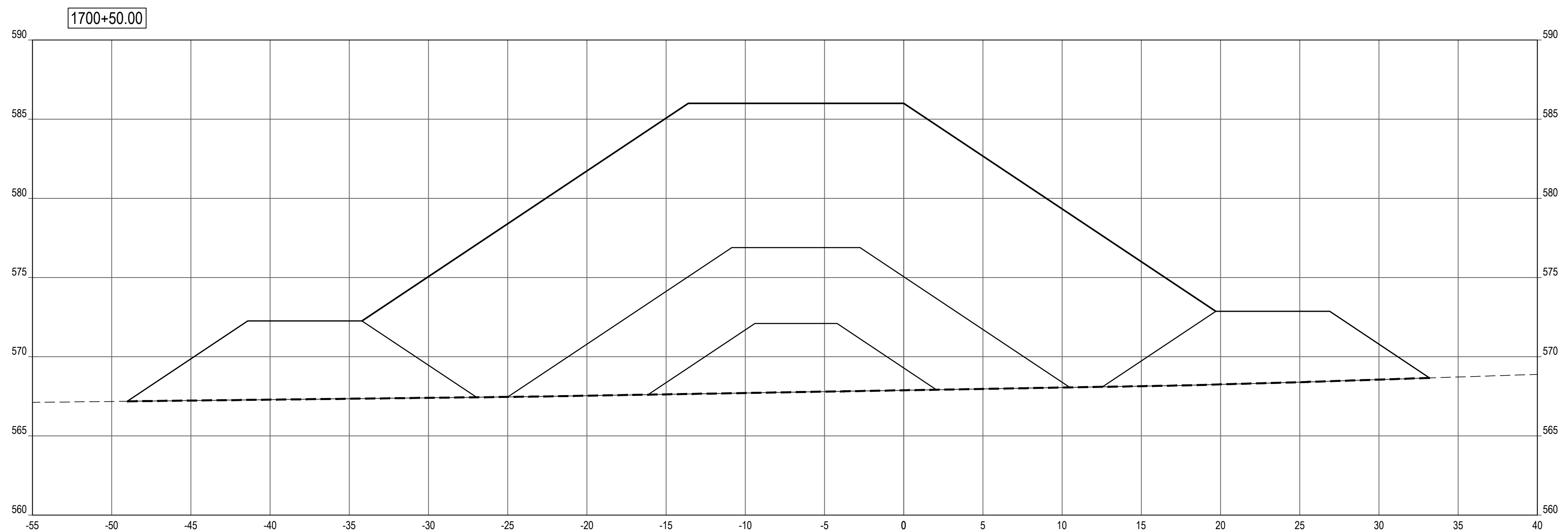
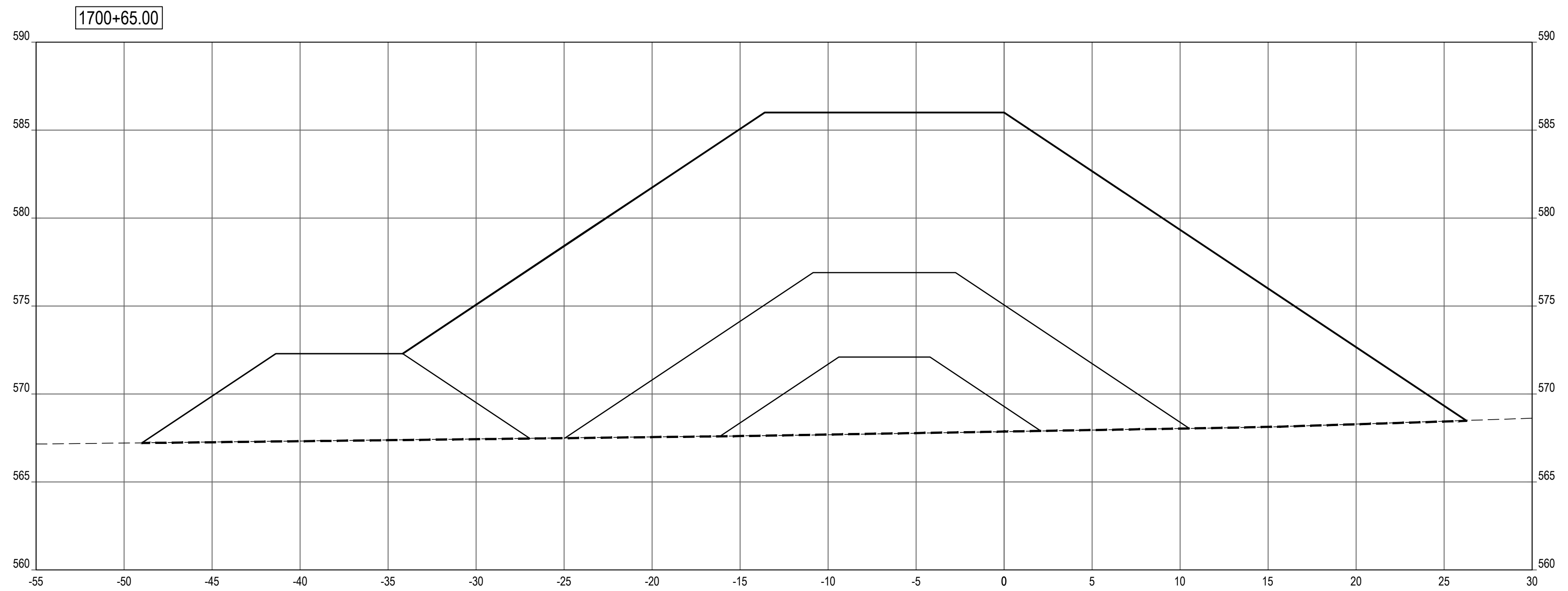


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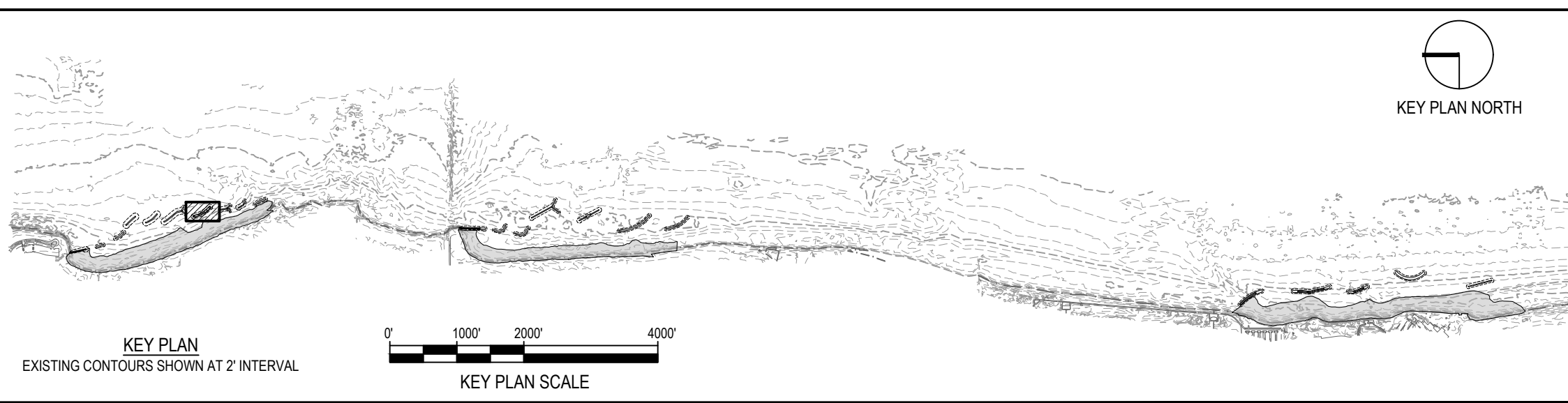
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SHEET NOTES

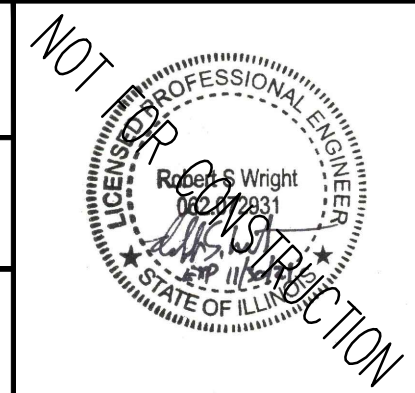
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



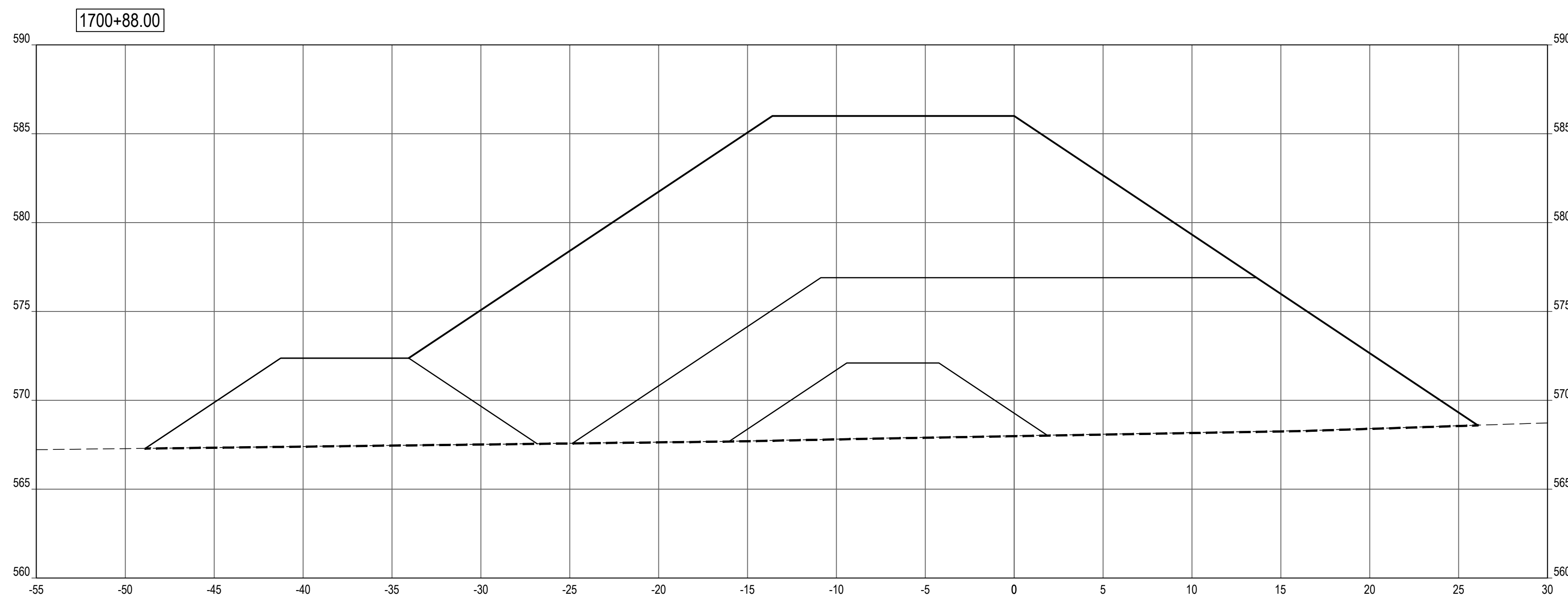
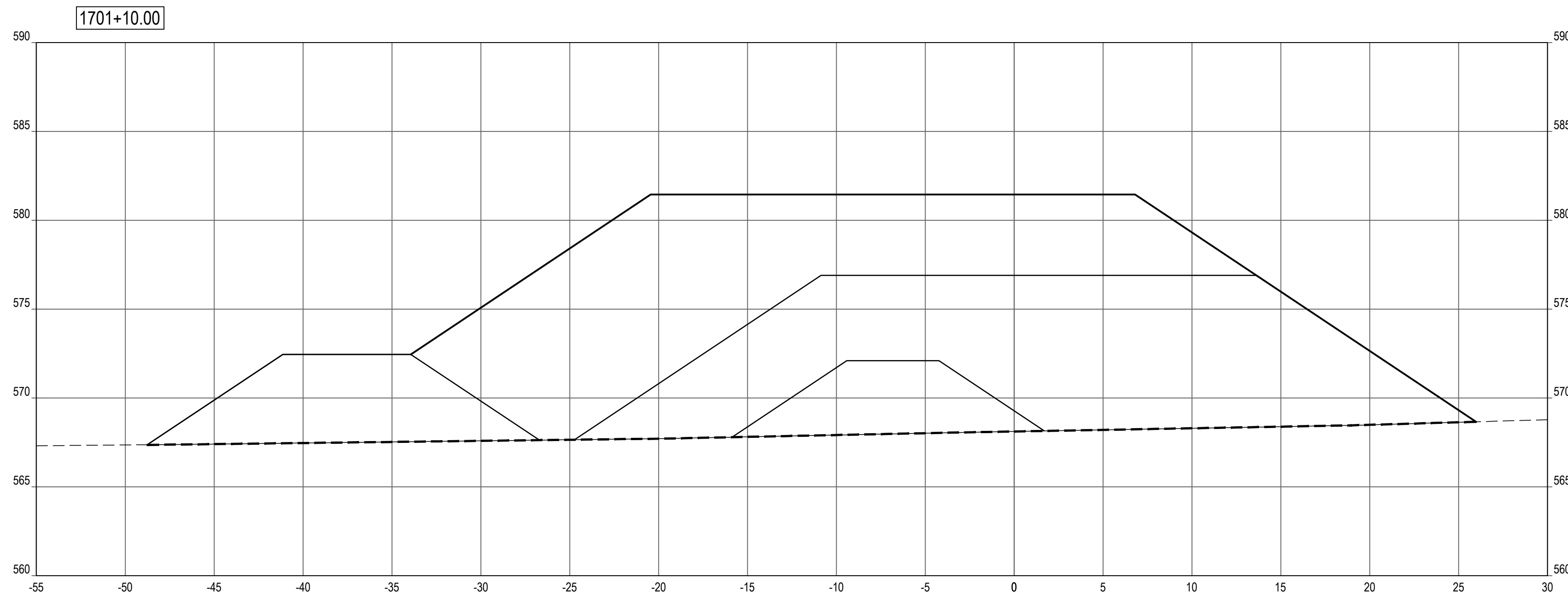
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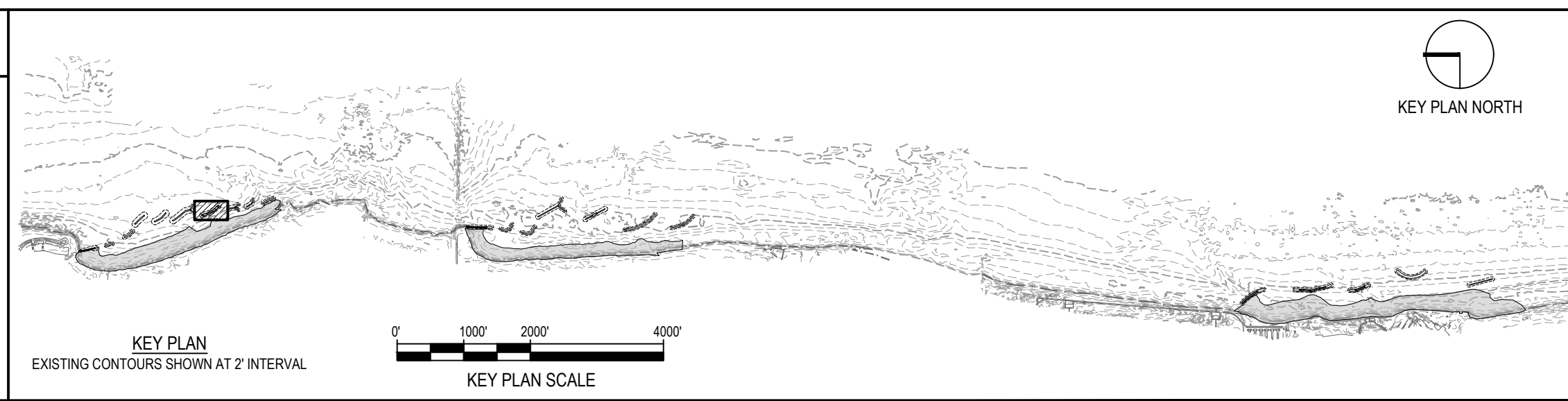
SECTIONS - BW1.7 (STA 1700+50 TO 1700+65)
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-130**
 OF (124) SHEETS



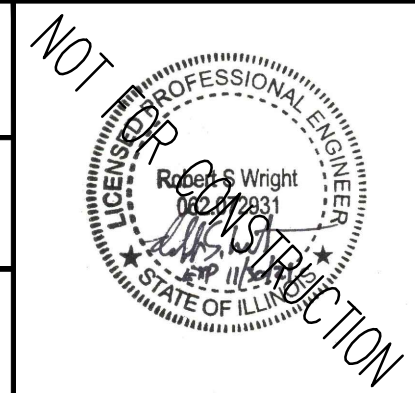
SHEET NOTES

- LEGEND**
- PROFILE / SECTION - EXISTING GRADE
 - PROFILE - FINISH GRADE AT CENTERLINE
 - PROFILE - FINISH GRADE AT REFERENCE LINE
 - PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
 - SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
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			CHECKED	APPROVED
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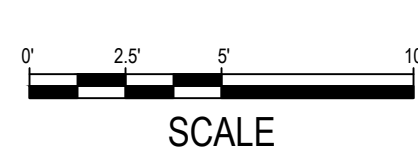
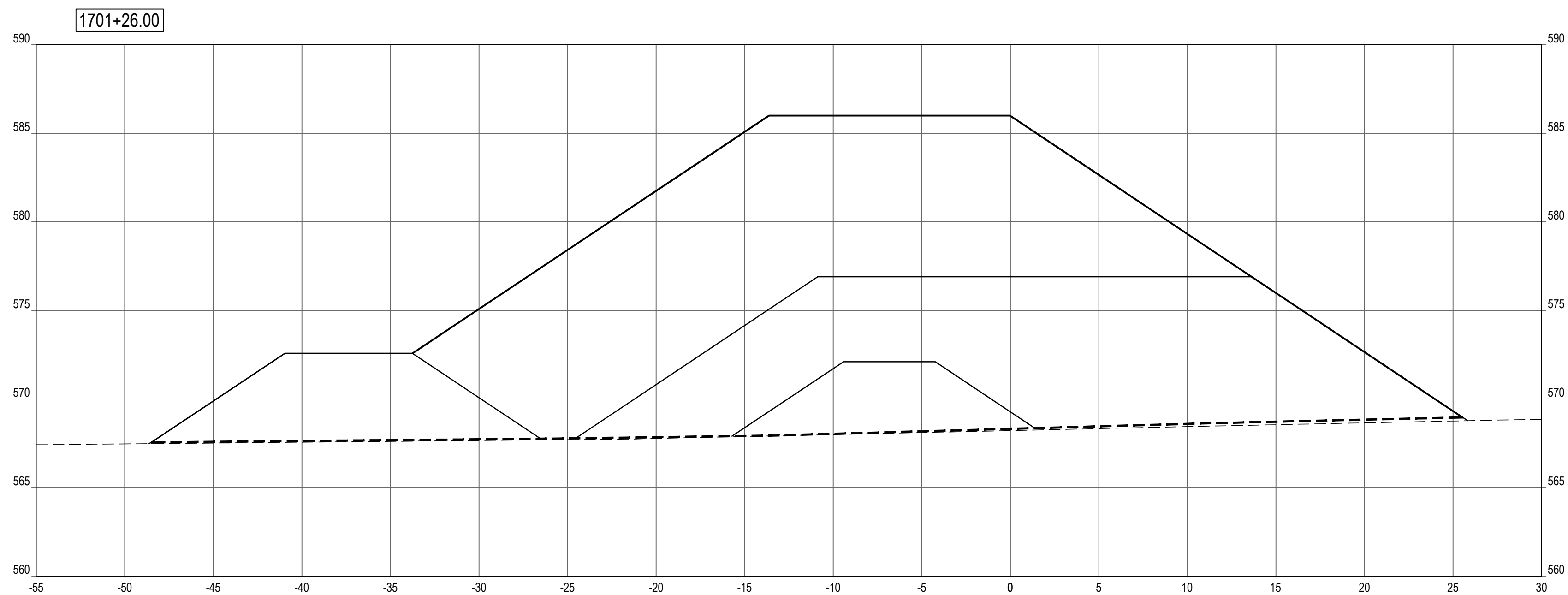
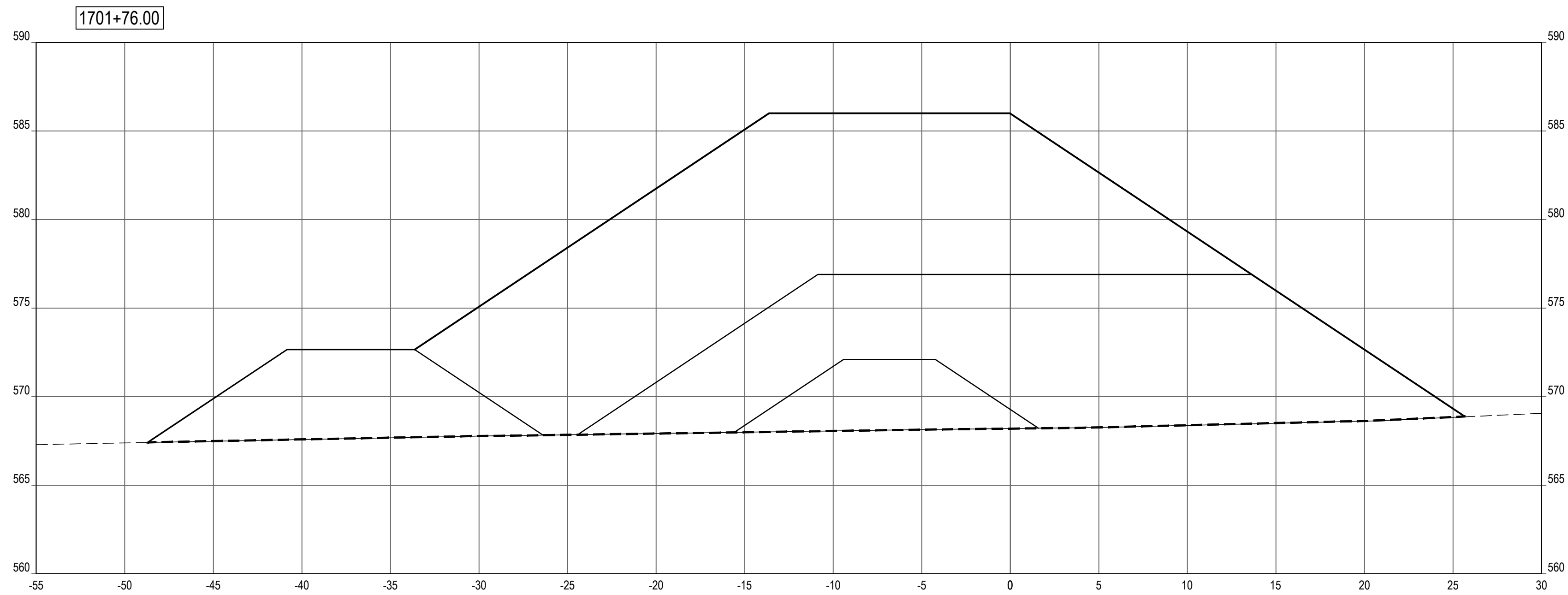
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SECTIONS - BW1.7 (STA 1700+88 TO 1701+10)		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-131
		OF (124) SHEETS

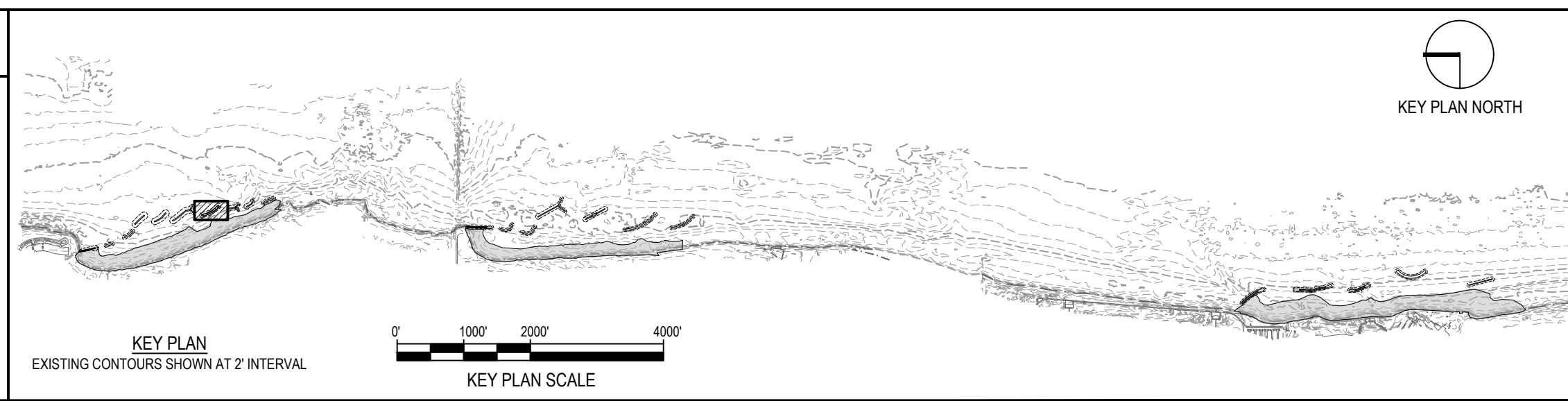
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SHEET NOTES

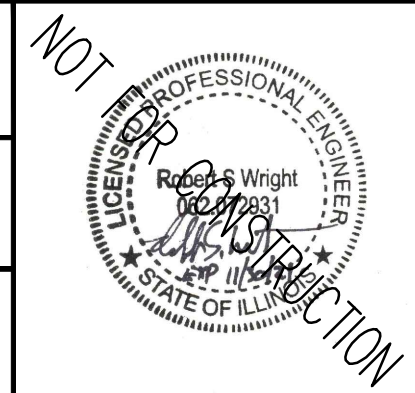
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
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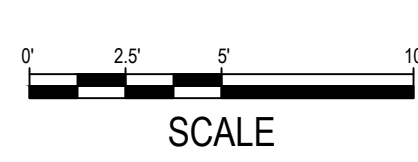
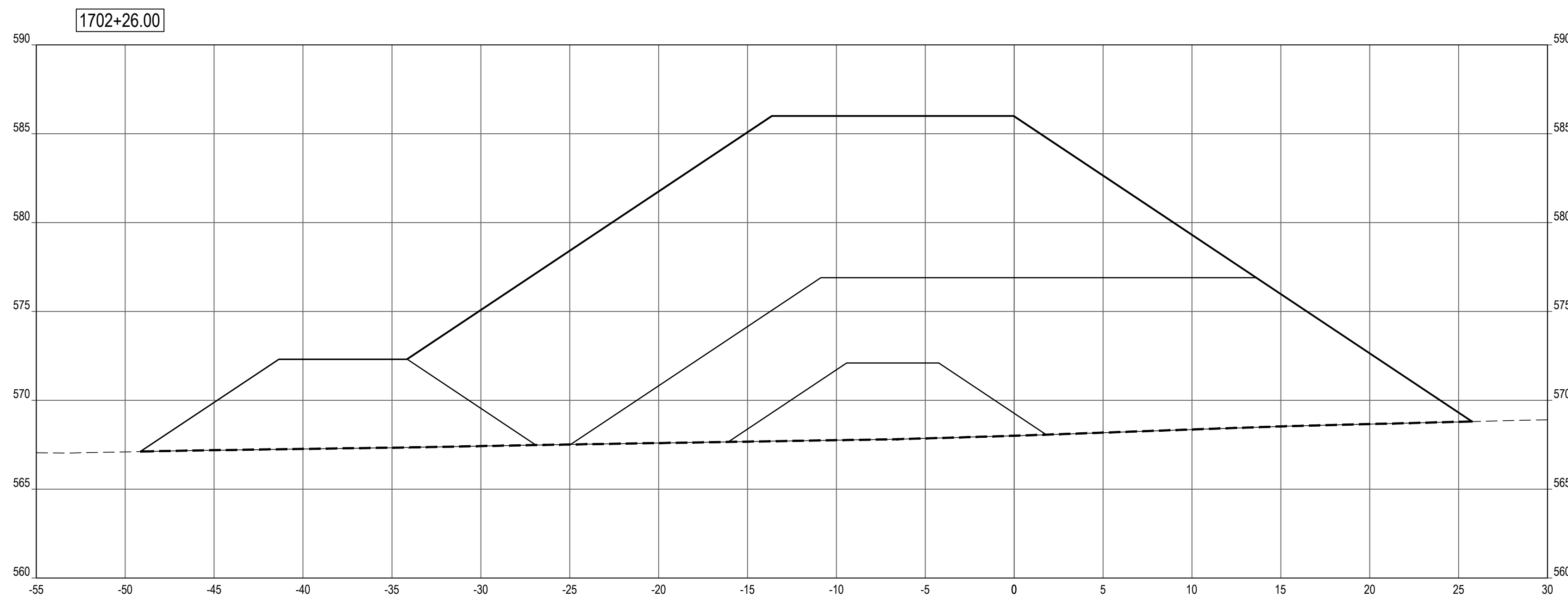
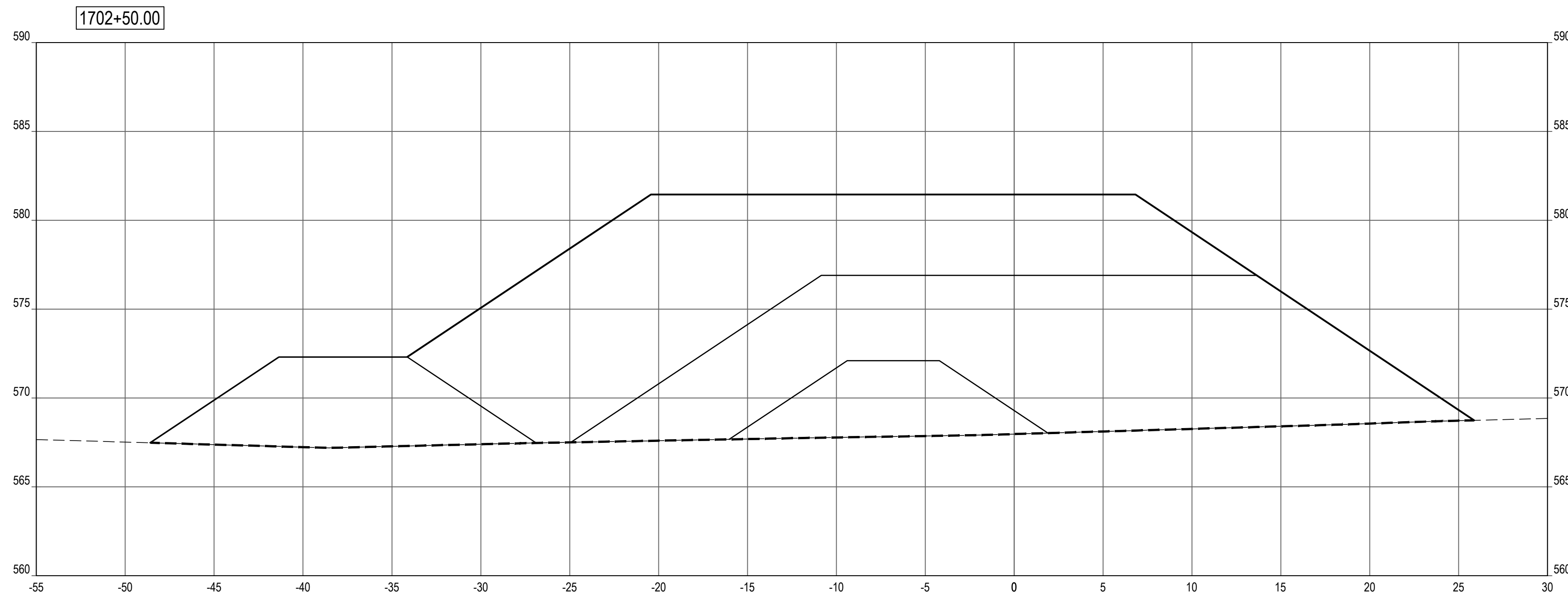
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SECTIONS - BW1.7 (STA 1701+26 1701+76)		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-132
		OF (124) SHEETS

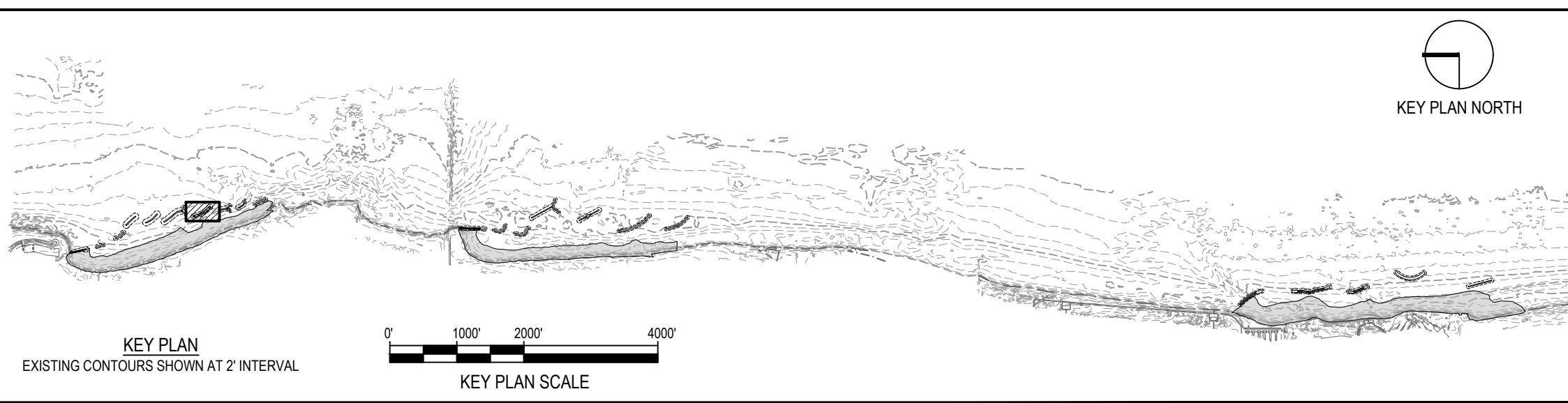
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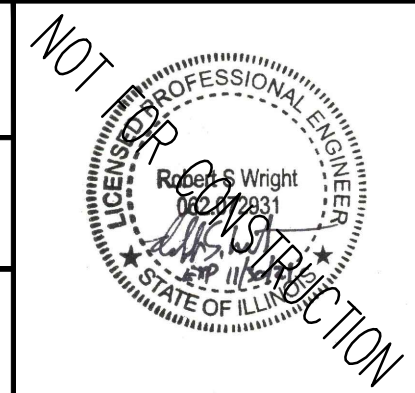
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- - - - PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- - - - SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
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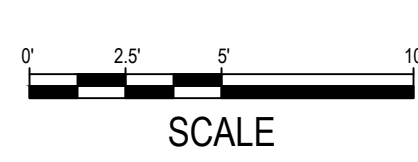
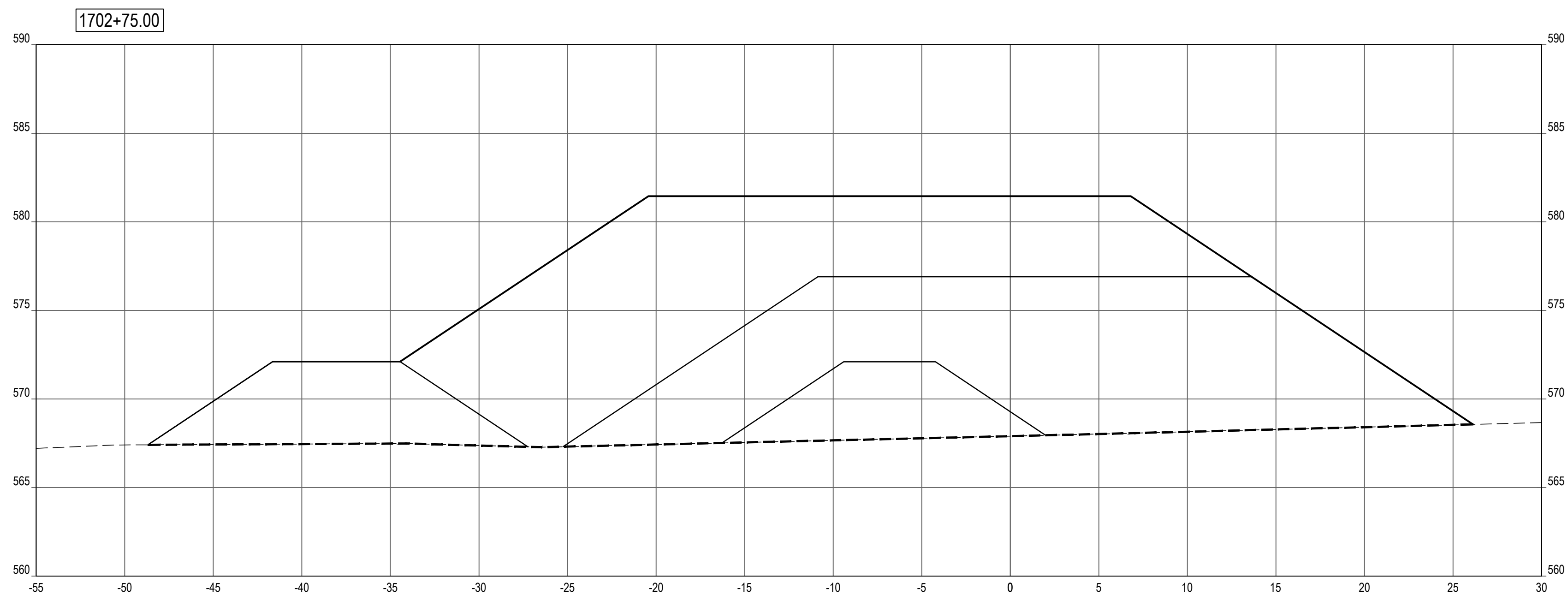
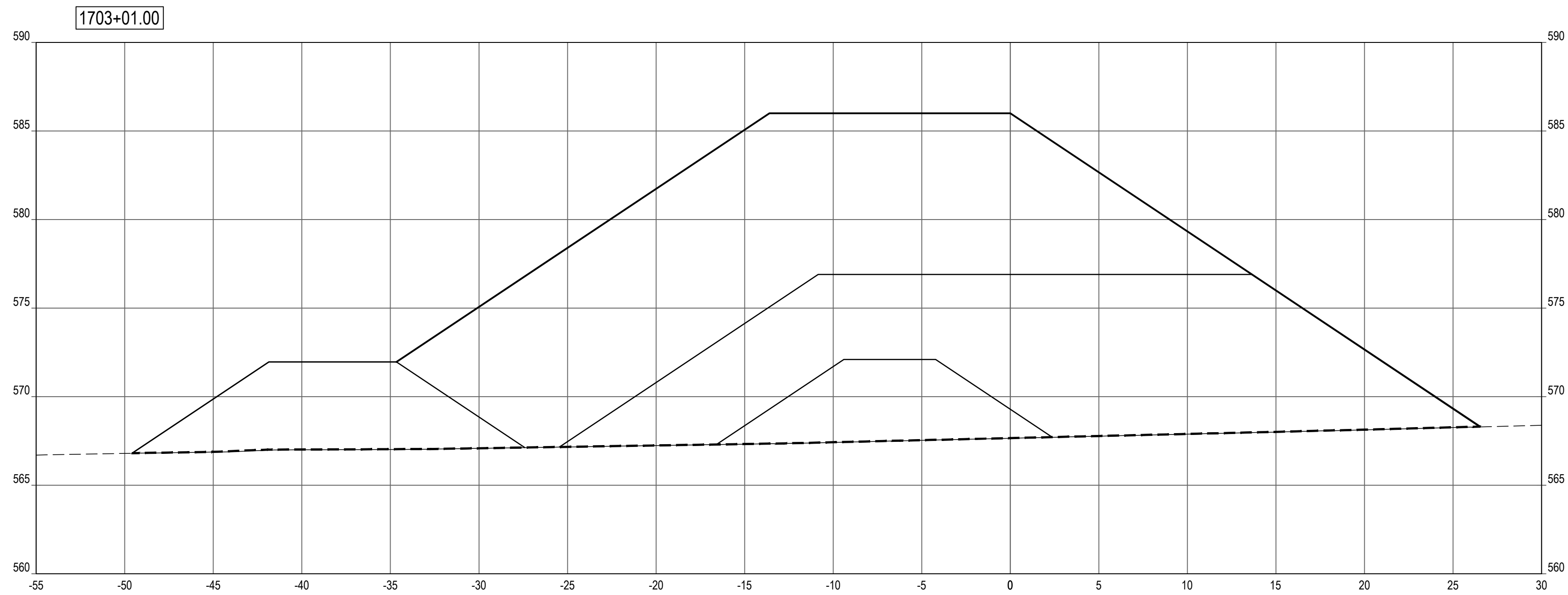


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SECTIONS - BW1.7 (STA 1702+26 TO 1702+50)
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PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-133**
 OF (124) SHEETS

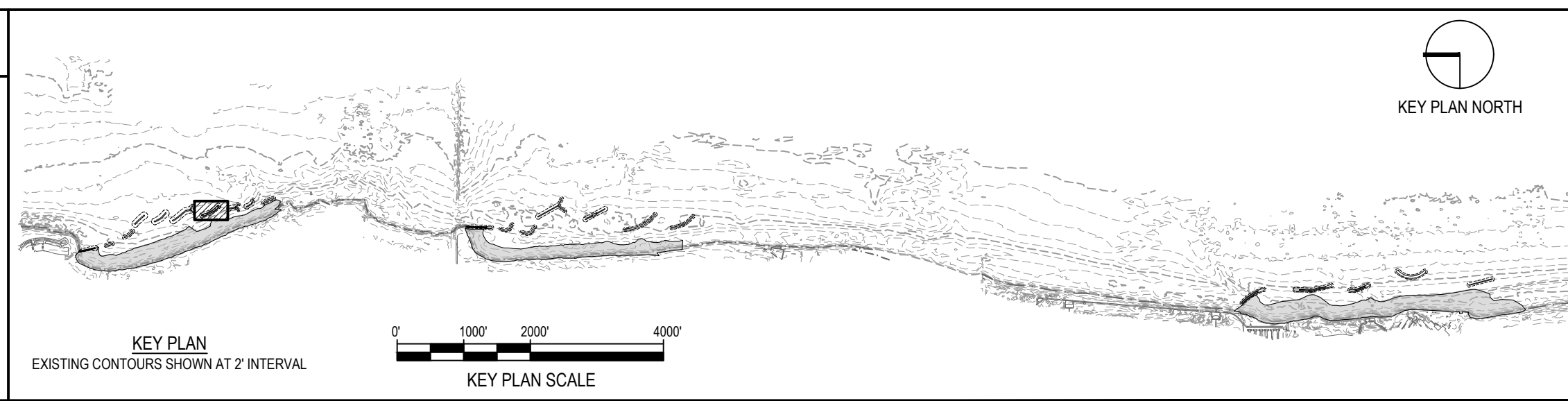
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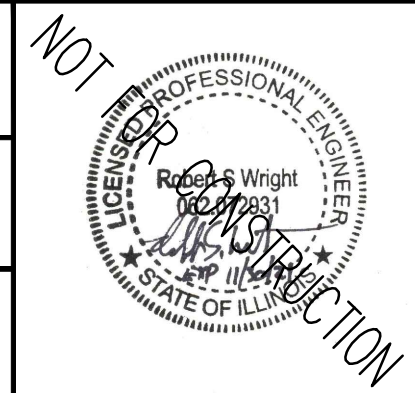
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
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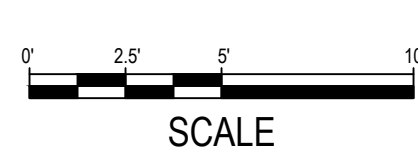
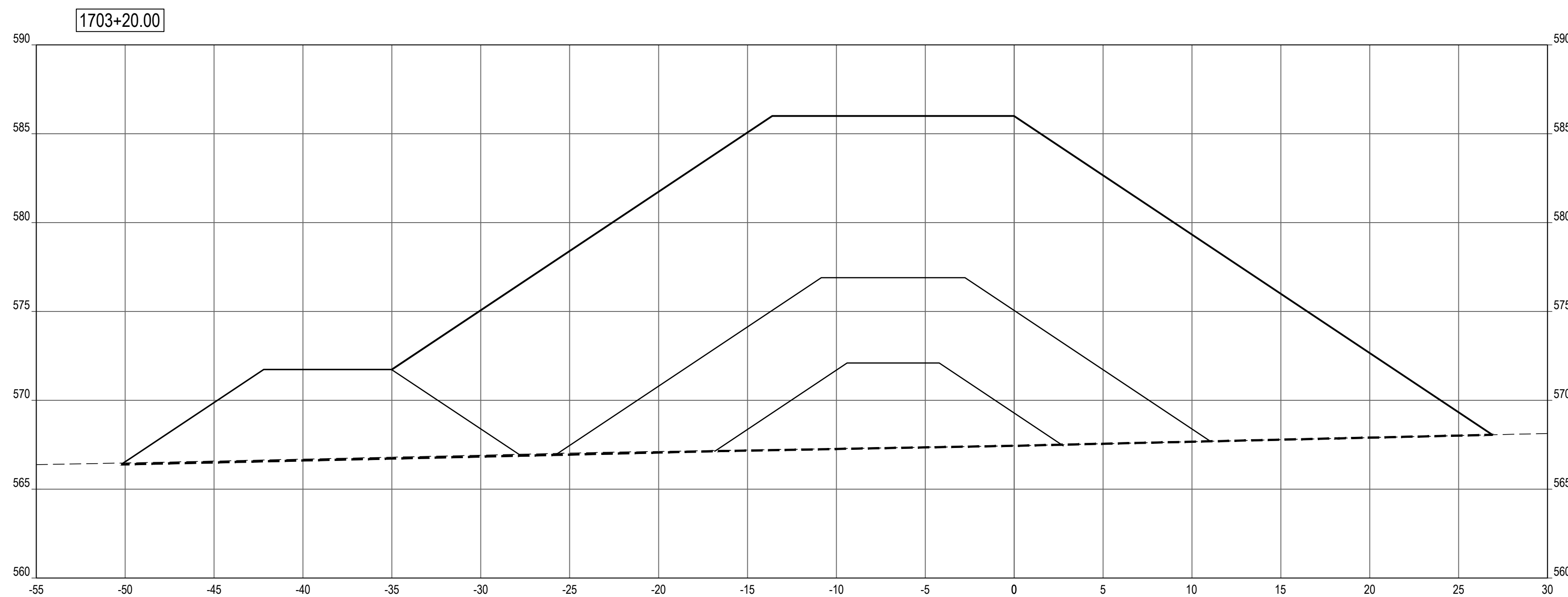
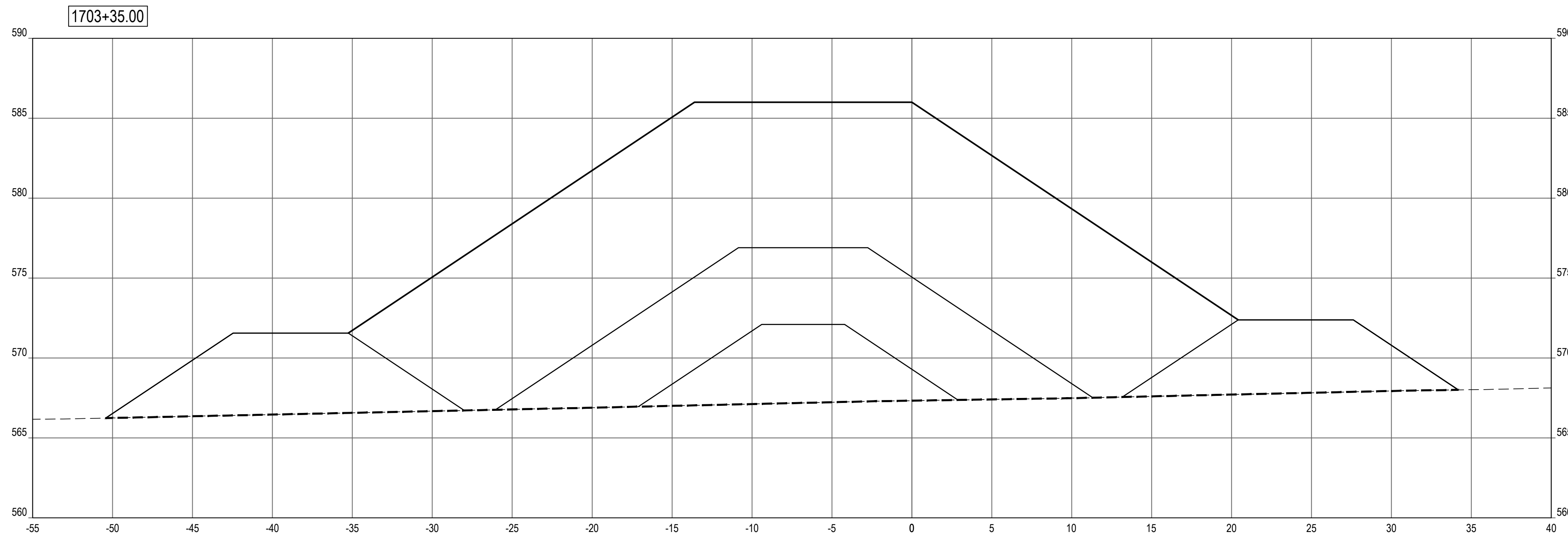
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SECTIONS - BW1.7 (STA 1702+75 TO 1703+01)
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

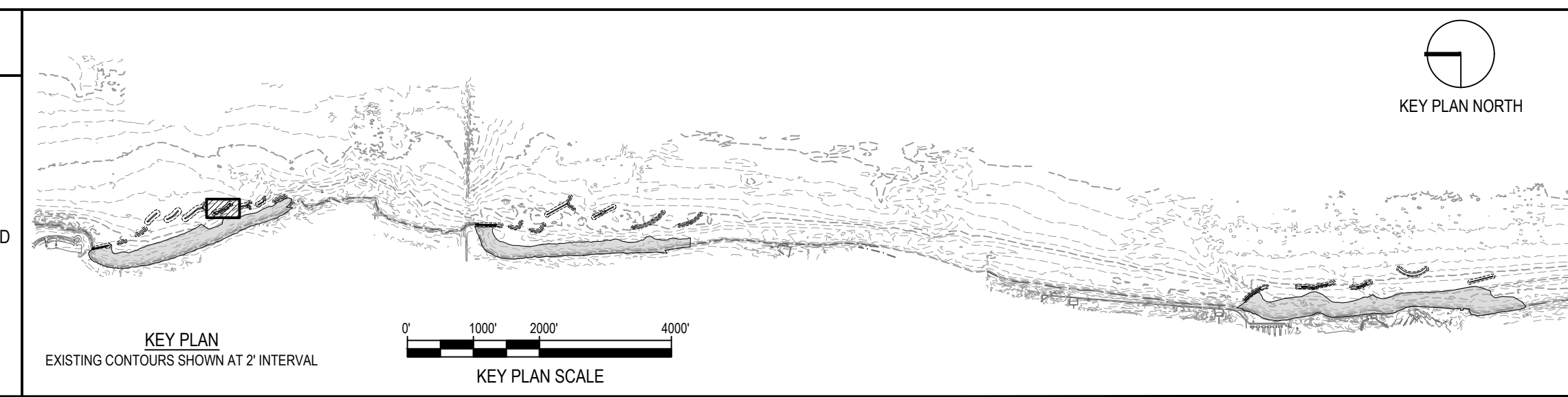
PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-134**
 OF (124) SHEETS



SHEET NOTES

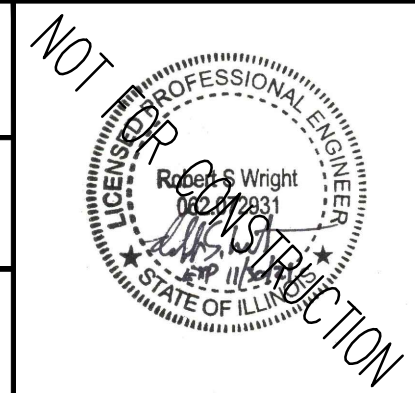
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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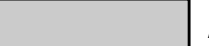
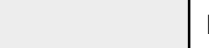
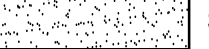



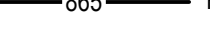
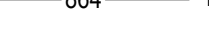
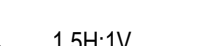




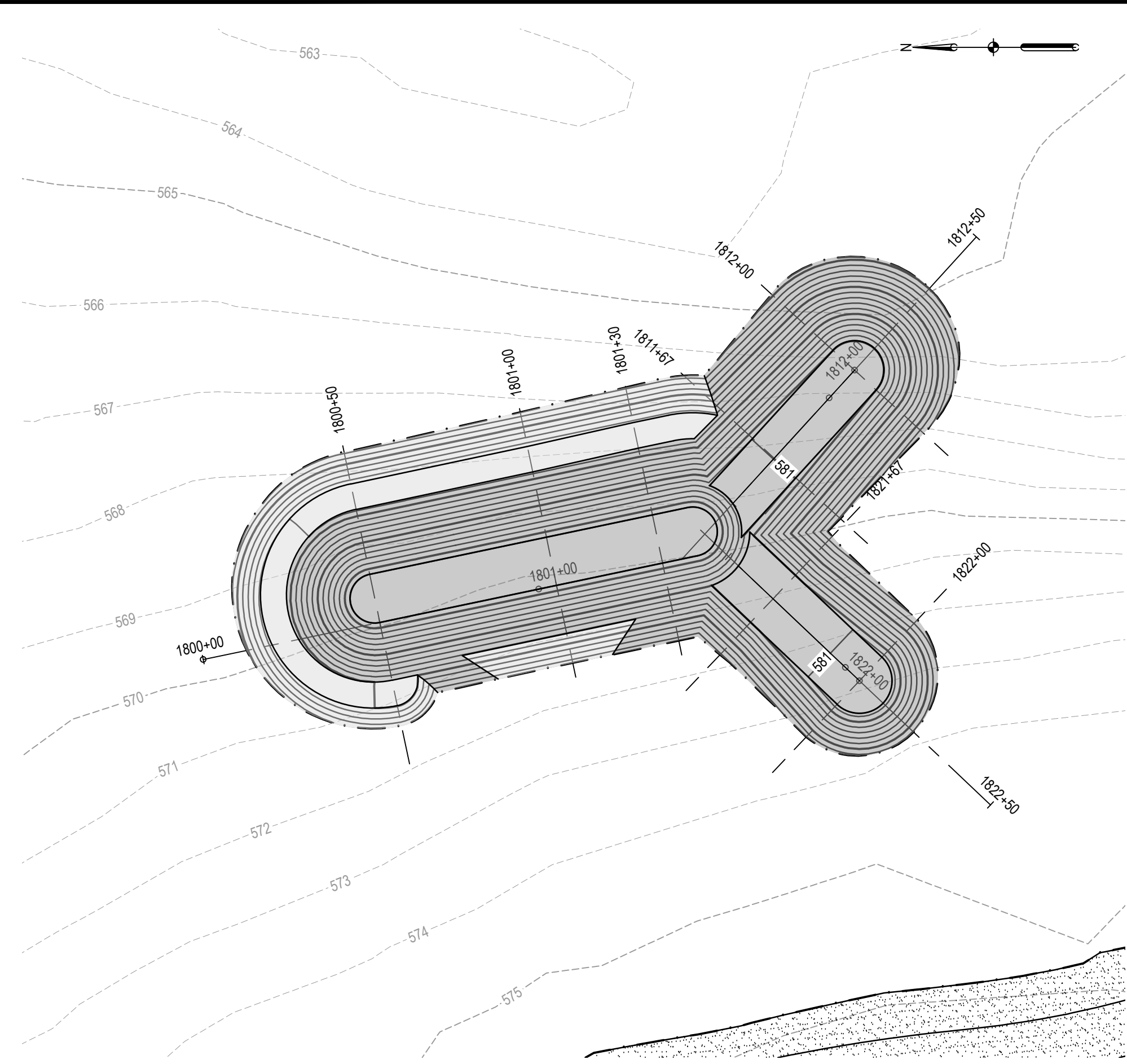
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SECTIONS - BW1.7 (STA 1703+20 TO 1703+35)		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-135
		OF (124) SHEETS

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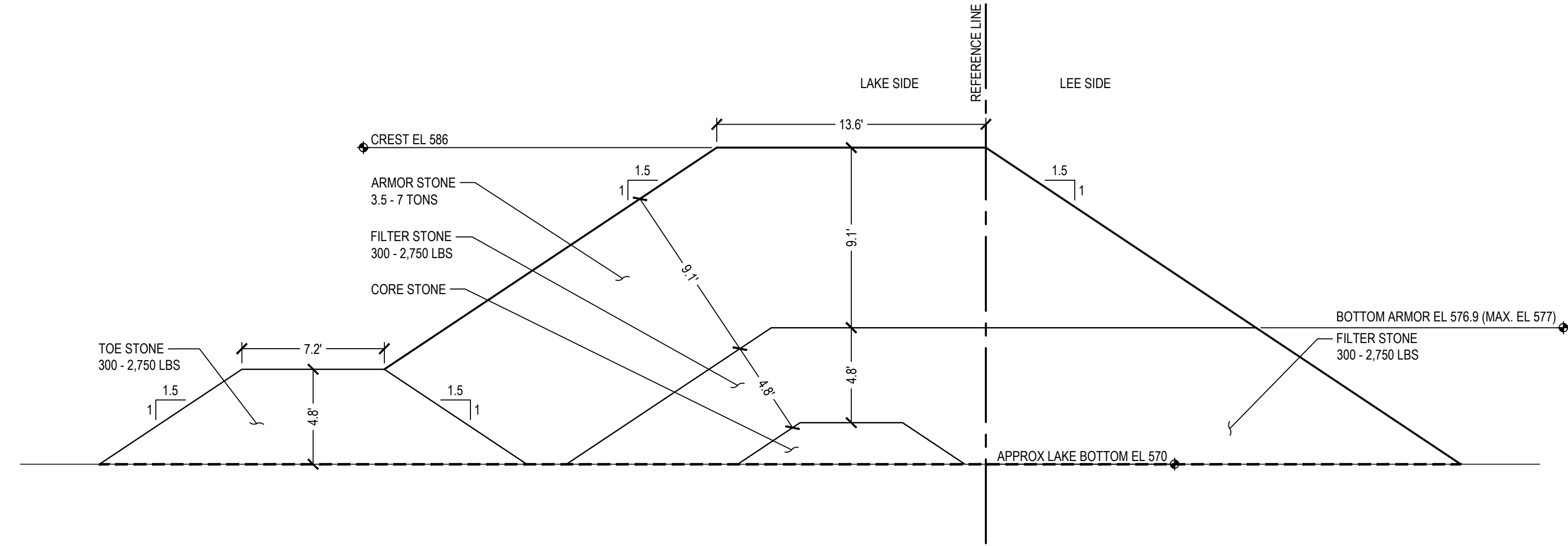
LEGEND

-  ARMOR STONE
-  FILTER STONE / TOE STONE
-  SAND BEACH
-  NAVIGATION AID
-  EXISTING MAJOR CONTOUR
-  EXISTING MINOR CONTOUR
-  PROPOSED MAJOR CONTOUR
-  PROPOSED MINOR CONTOUR
-  GRADING LIMITS
-  COASTAL STRUCTURE SIDE SLOPE
-  SECTION - COMPOSITE GEOTEXTILE GEOGRID



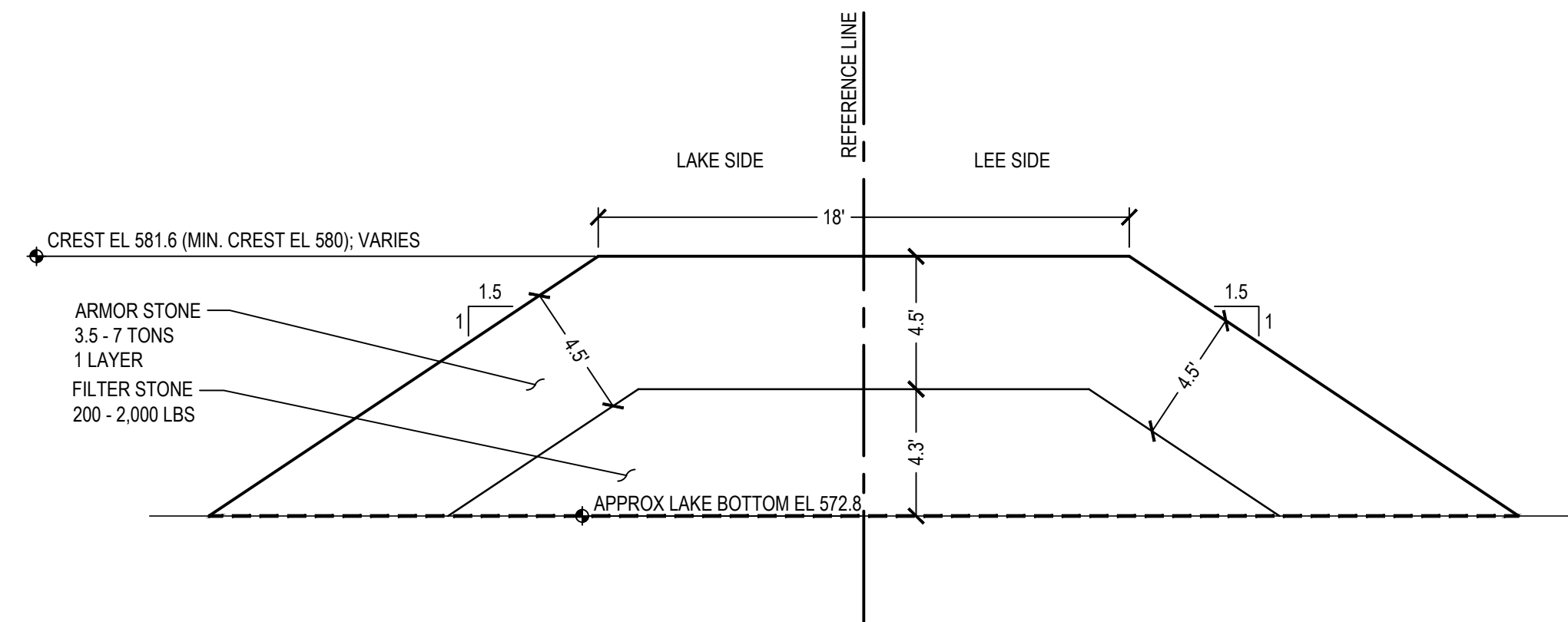
1 BW1.8 LAYOUT & GRADING
PLAN

SCALE: 1" = 30'



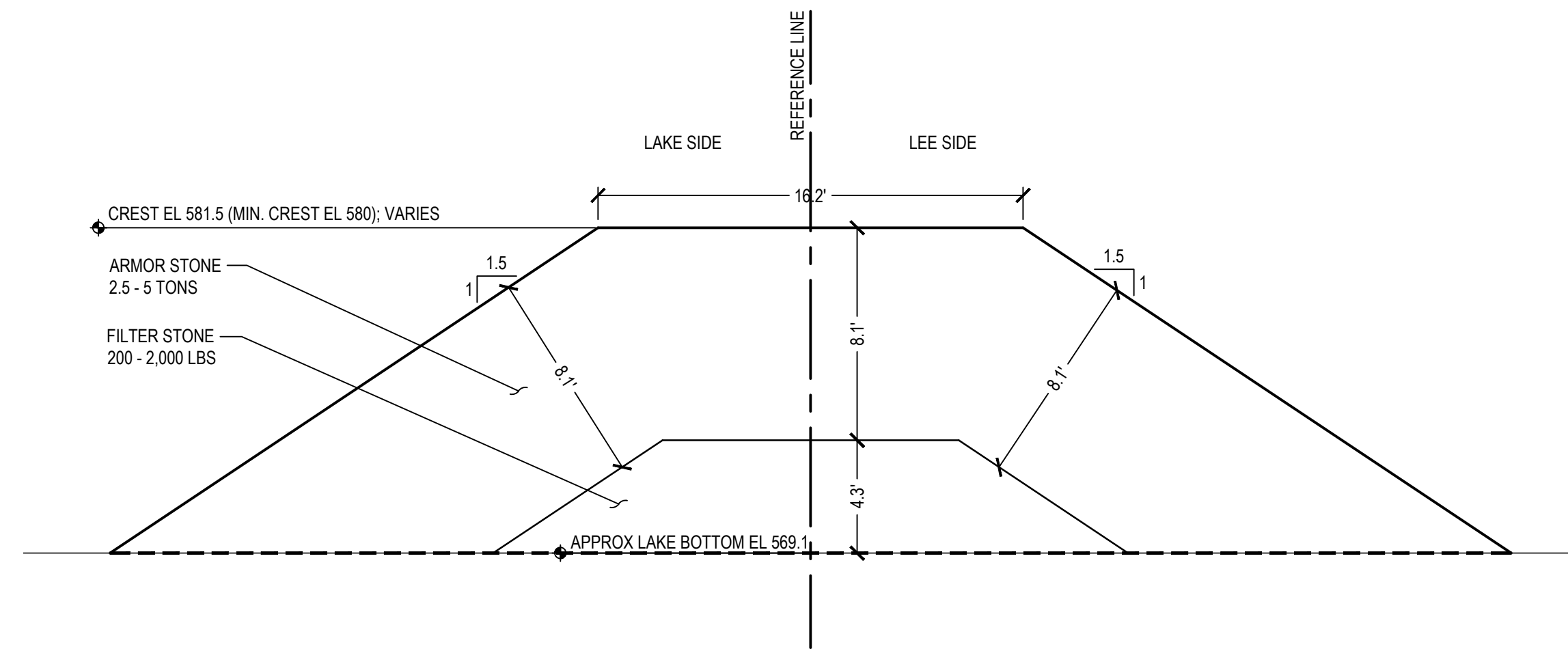
2 BW1.8 TRUNK
SECTION

SCALE: 1" = 5'



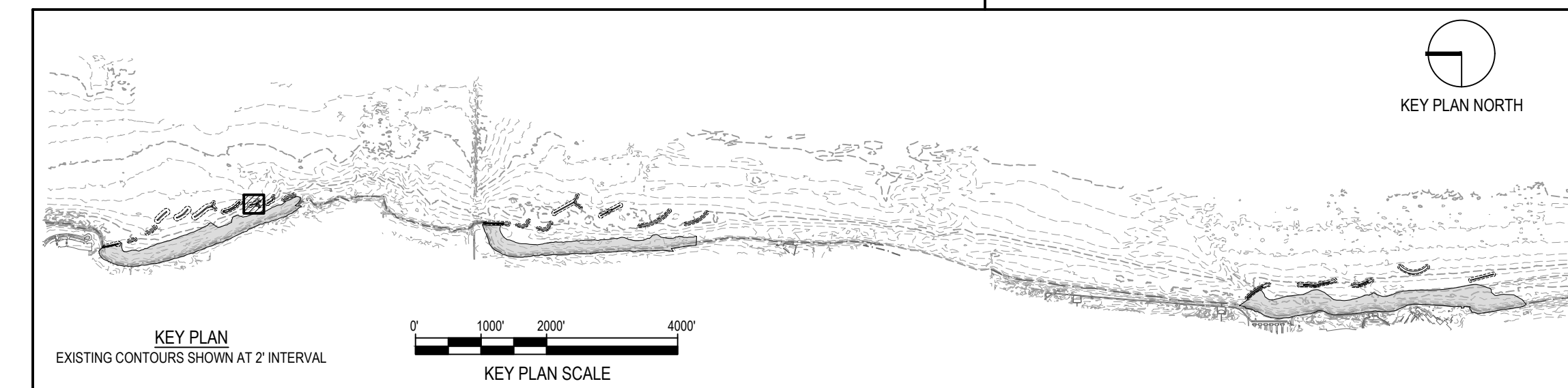
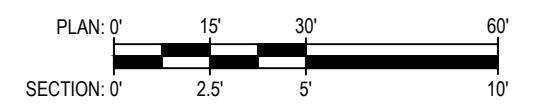
3 BW1.8 WEST FISHTAIL
SECTION

SCALE: 1" = 5'



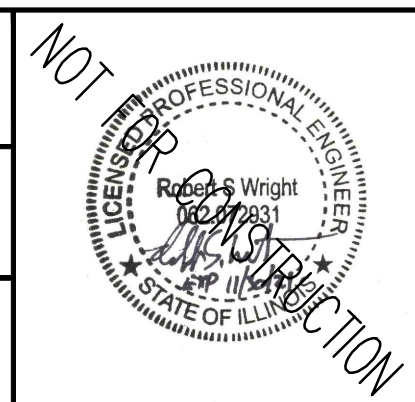
4 BW1.8 EAST FISHTAIL
SECTION

SCALE: 1" = 5'



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			---	---
			CHECKED	APPROVED
			---	---



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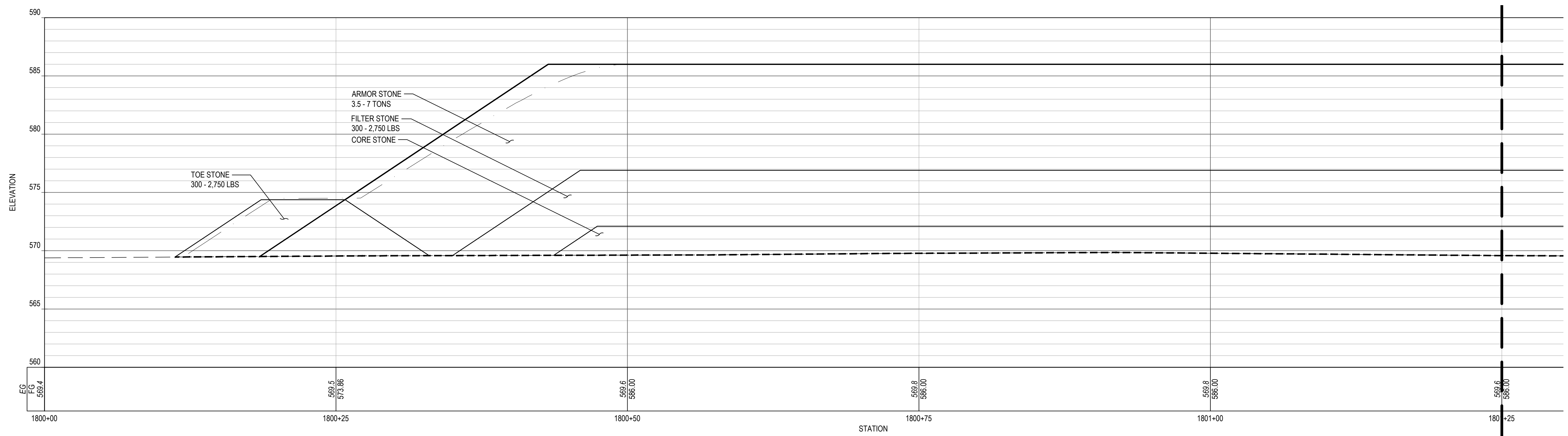


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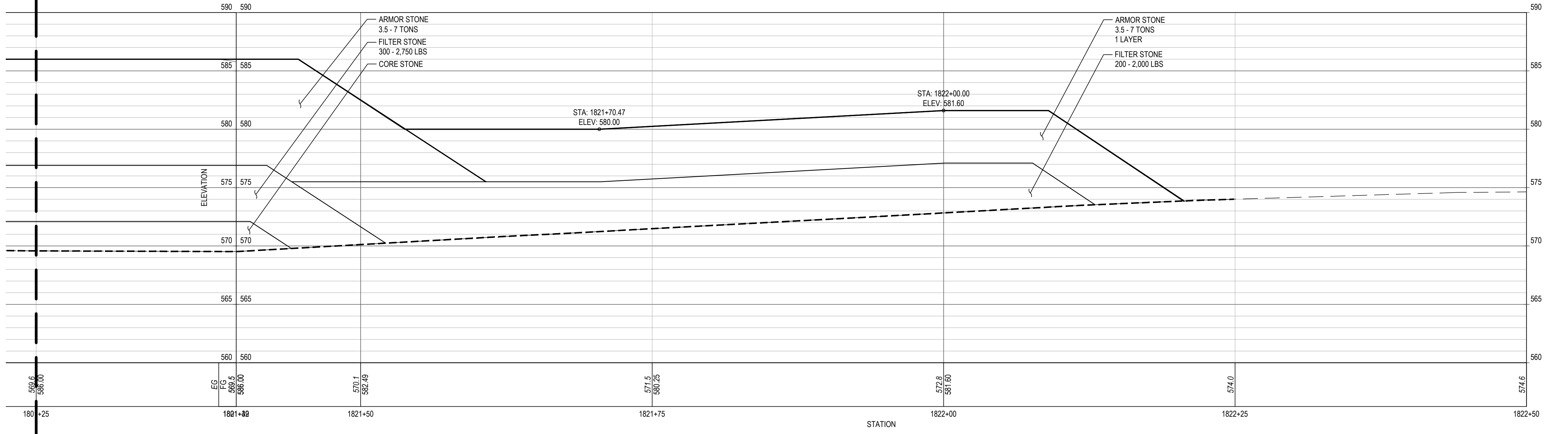
PLAN & TYPICAL SECTIONS - BW1.8
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO.
102-311-099
 DATE
02/26/2021
 SHEET NO.
C-136
 OF (124) SHEETS

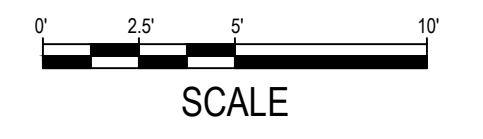
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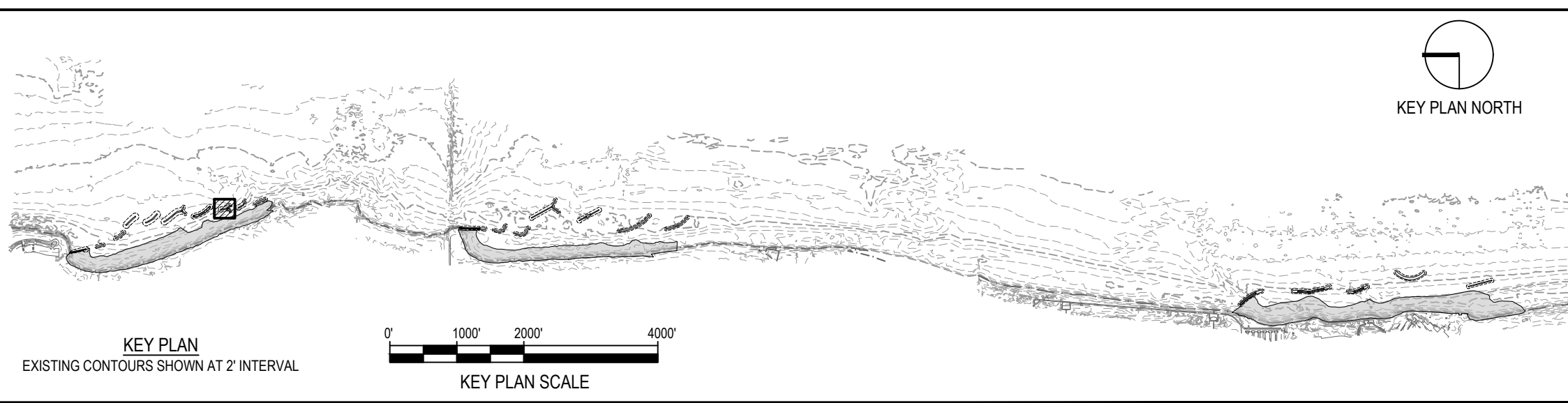
1 BW1.8 PROFILE



2 BW1.8 PROFILE WEST FISHTAIL

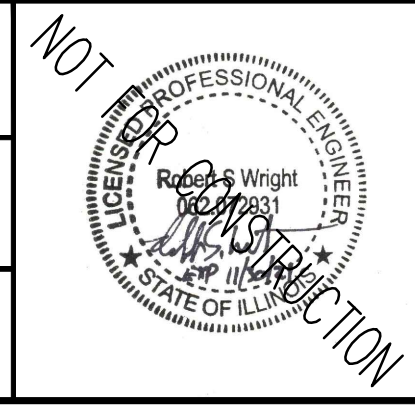


SHEET NOTES	LEGEND
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NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
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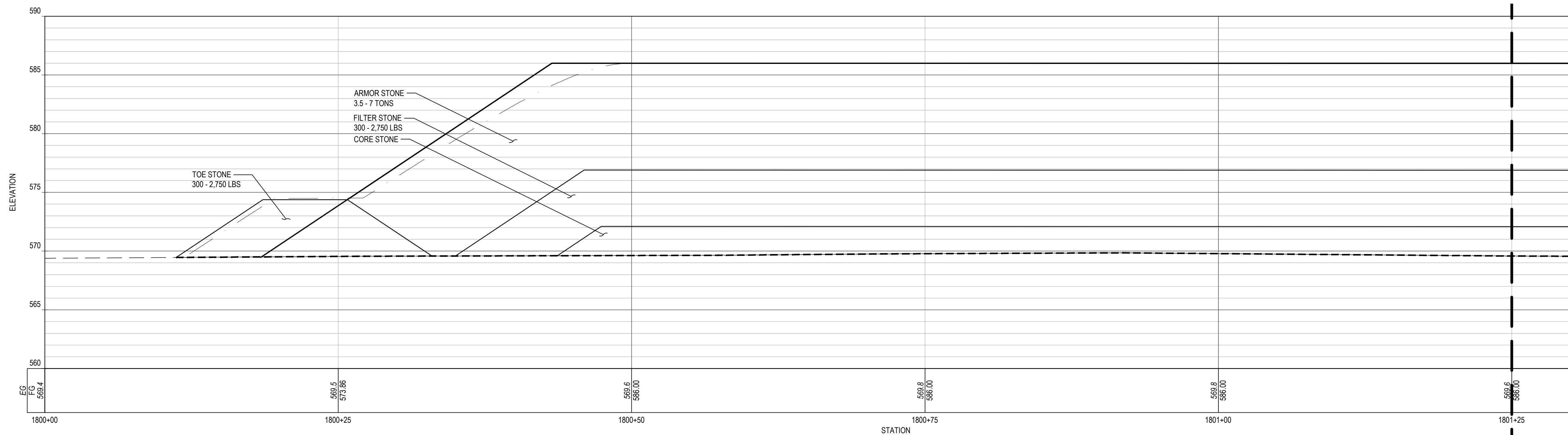
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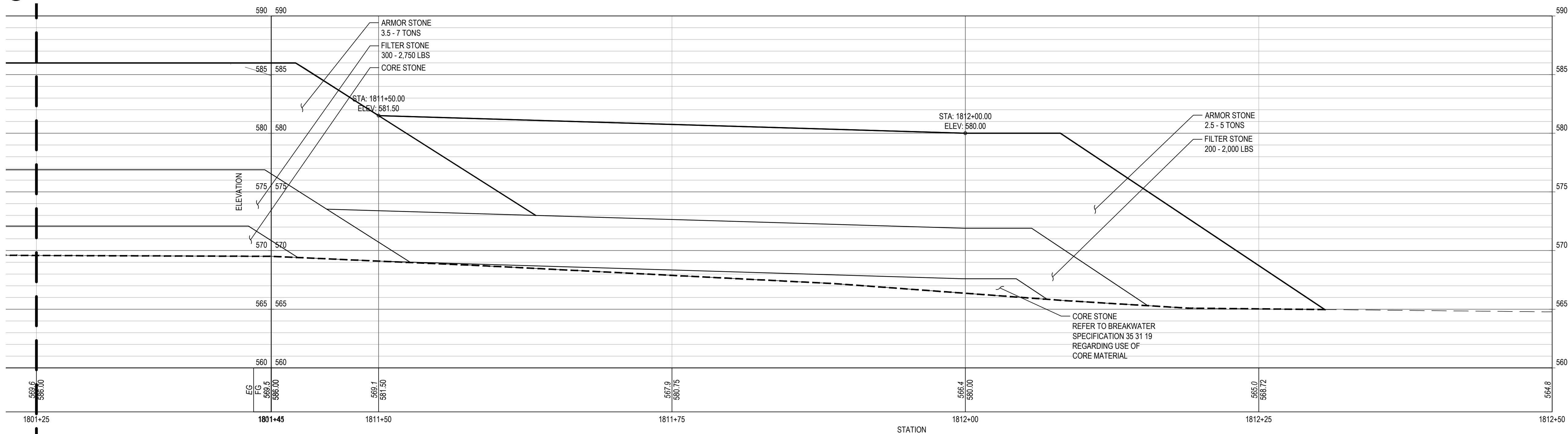
PROJECT NO. 102-311-099
DATE 02/26/2021
SHEET NO. C-137
OF (124) SHEETS

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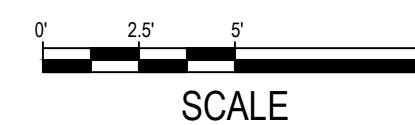
1 BW1.8 PROFILE

SCALE: 1" = 5'



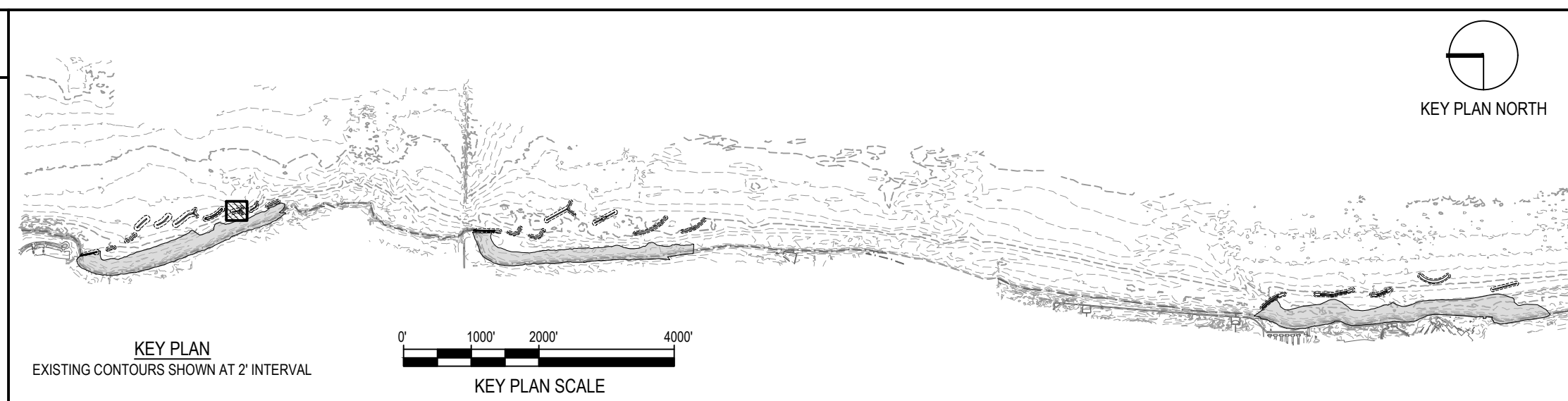
2 BW1.8 PROFILE EAST FISHTAIL

SCALE: 1" = 5'



SHEET NOTES

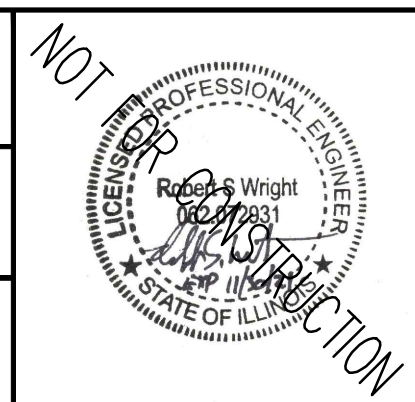
LEGEND
--- PROFILE / SECTION - EXISTING GRADE
— PROFILE - FINISH GRADE AT CENTERLINE
— PROFILE - FINISH GRADE AT REFERENCE LINE
--- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
--- SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS		
NO.	DATE	REMARKS

DRAWN	PREPARED
---	---
TRACED	APPROVED
---	---
CHECKED	APPROVED
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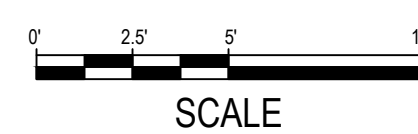
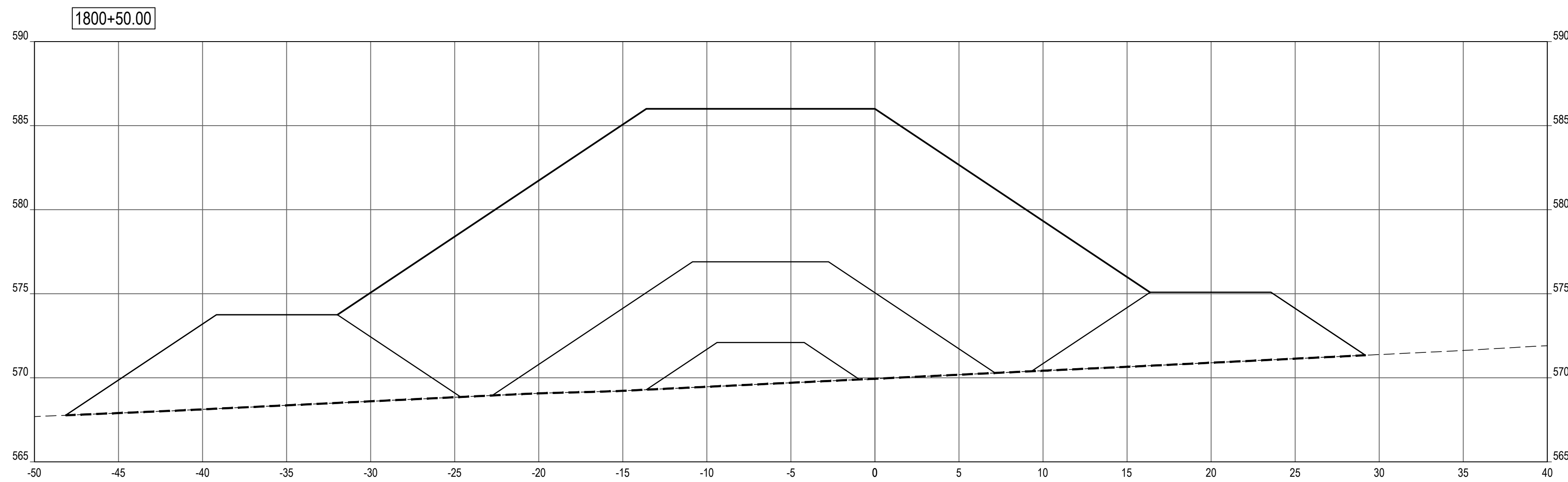
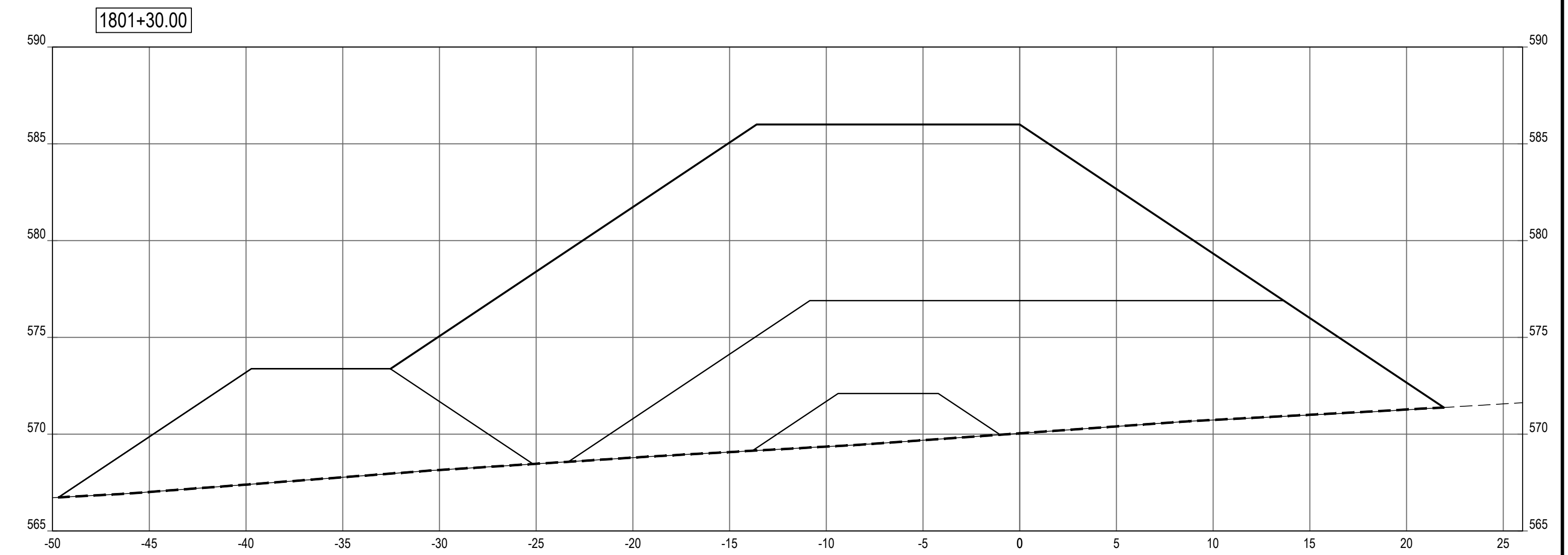
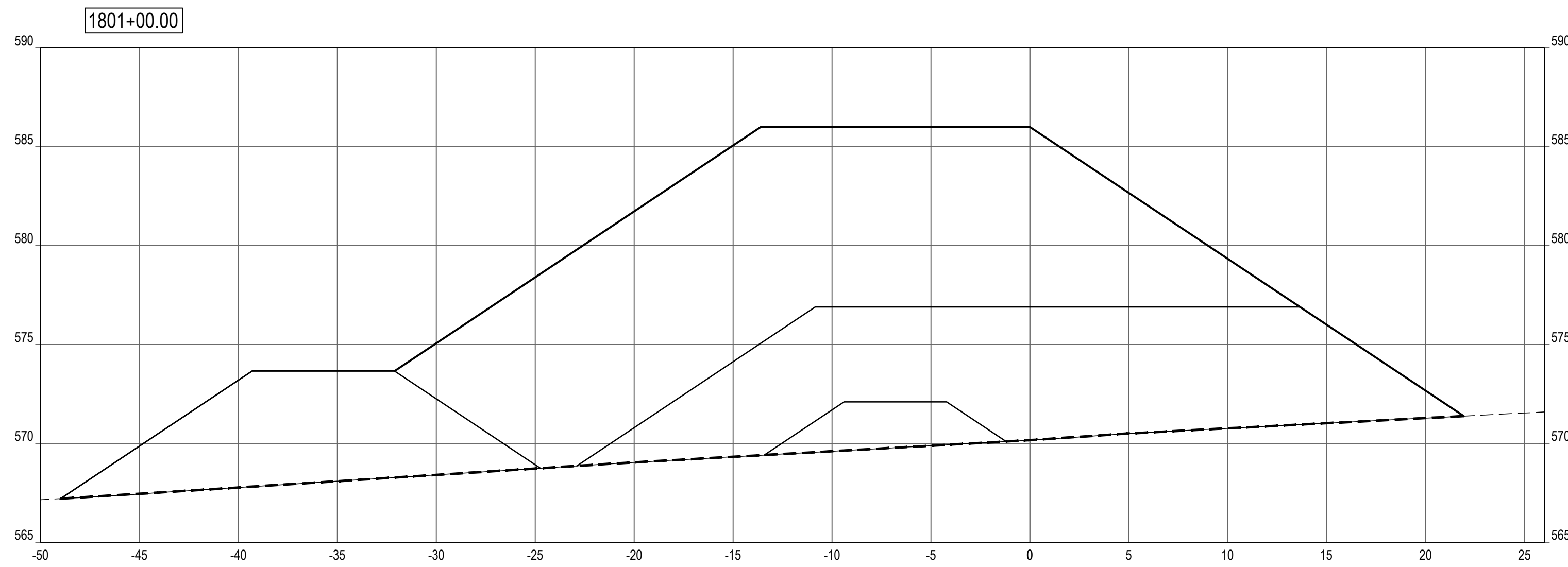
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PROFILE - BW1.8 WITH EAST FISHTAIL	PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS	DATE 02/26/2021
	SHEET NO. C-138
	OF (124) SHEETS

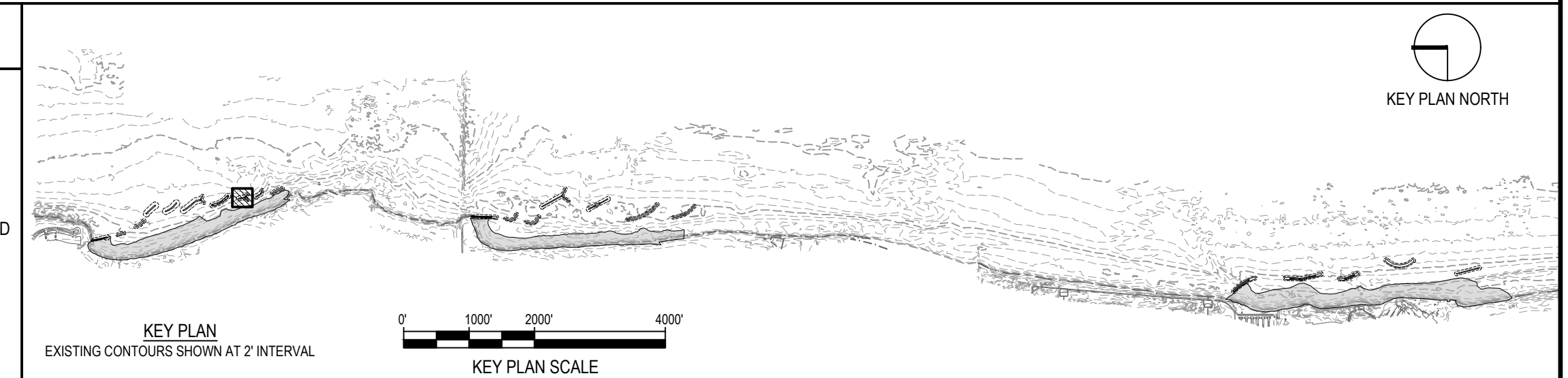
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SHEET NOTES

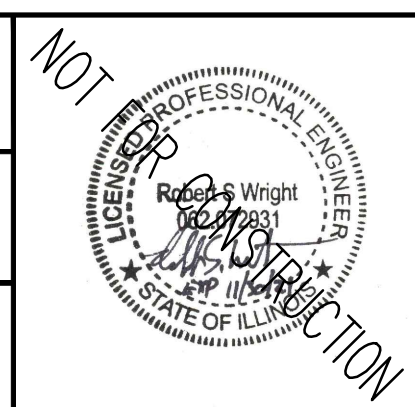
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- · · PROFILE - FINISH GRADE AT REFERENCE LINE
- - - - PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- - - - SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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SECTIONS - BW1.8 (STA 1800+50 TO 1801+30)

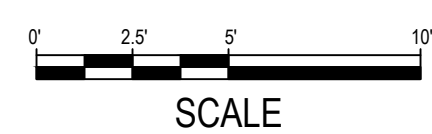
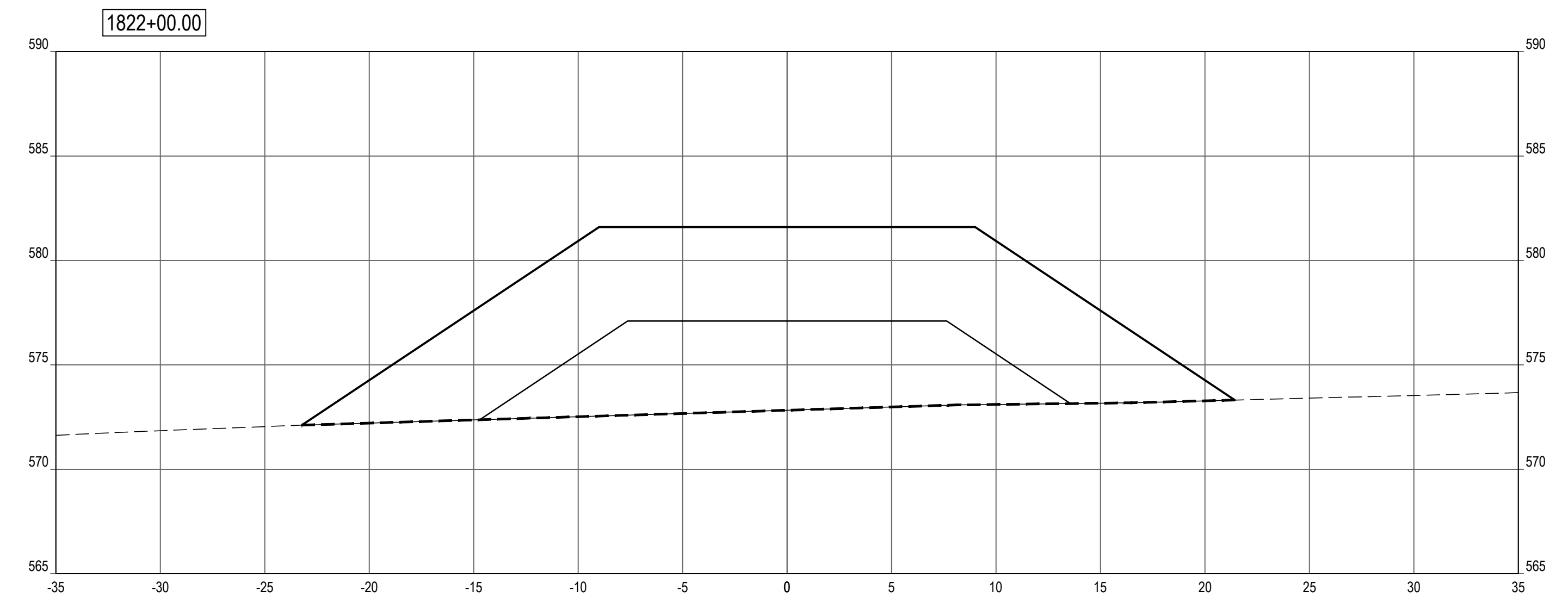
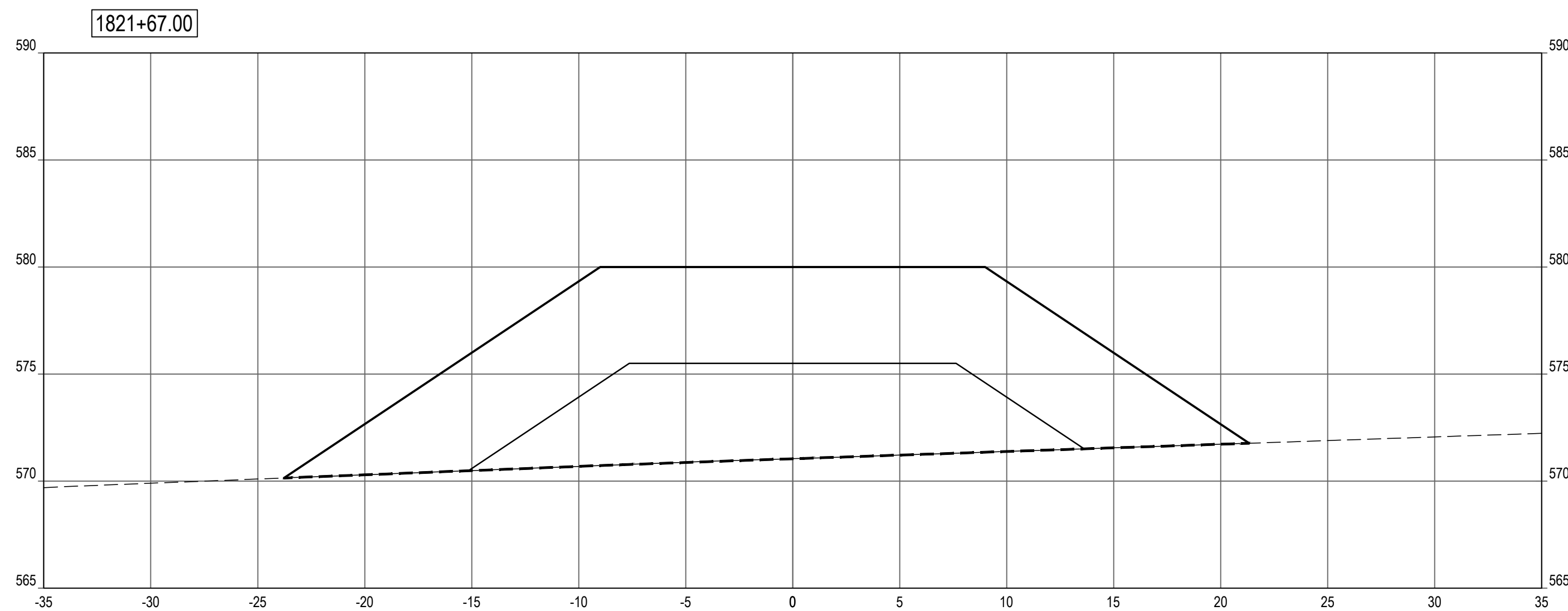
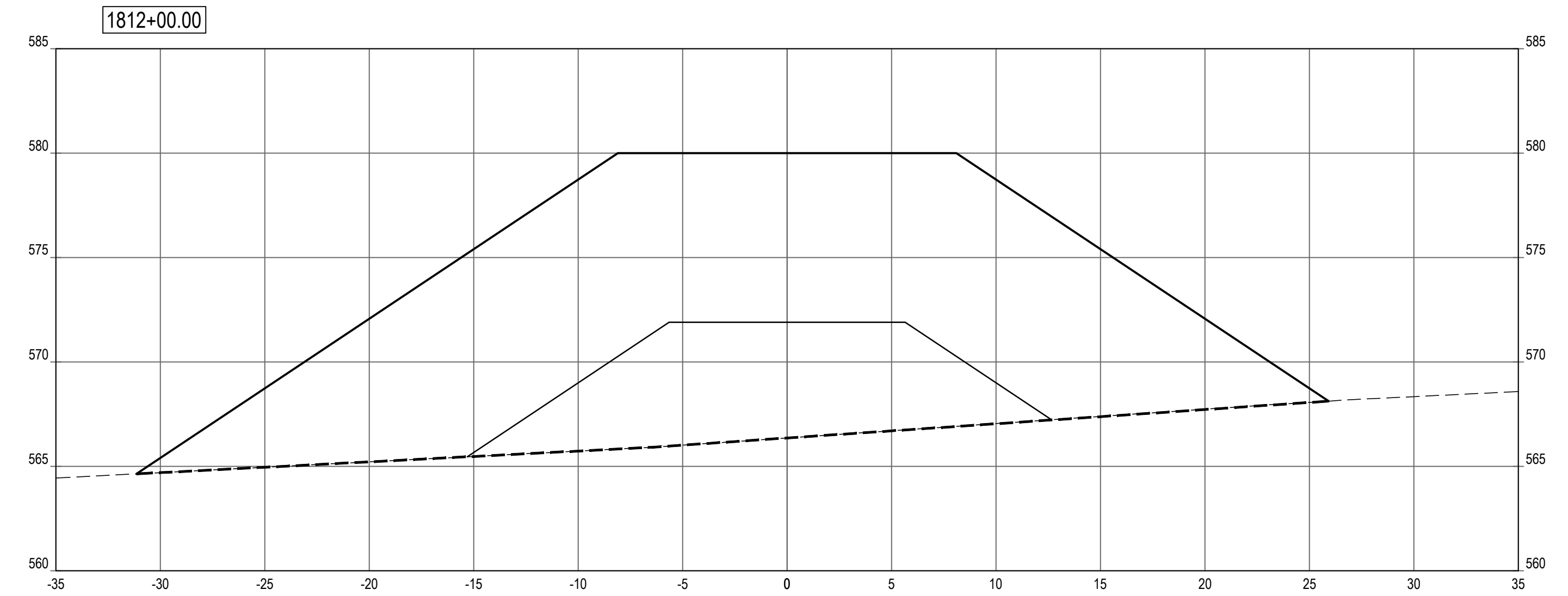
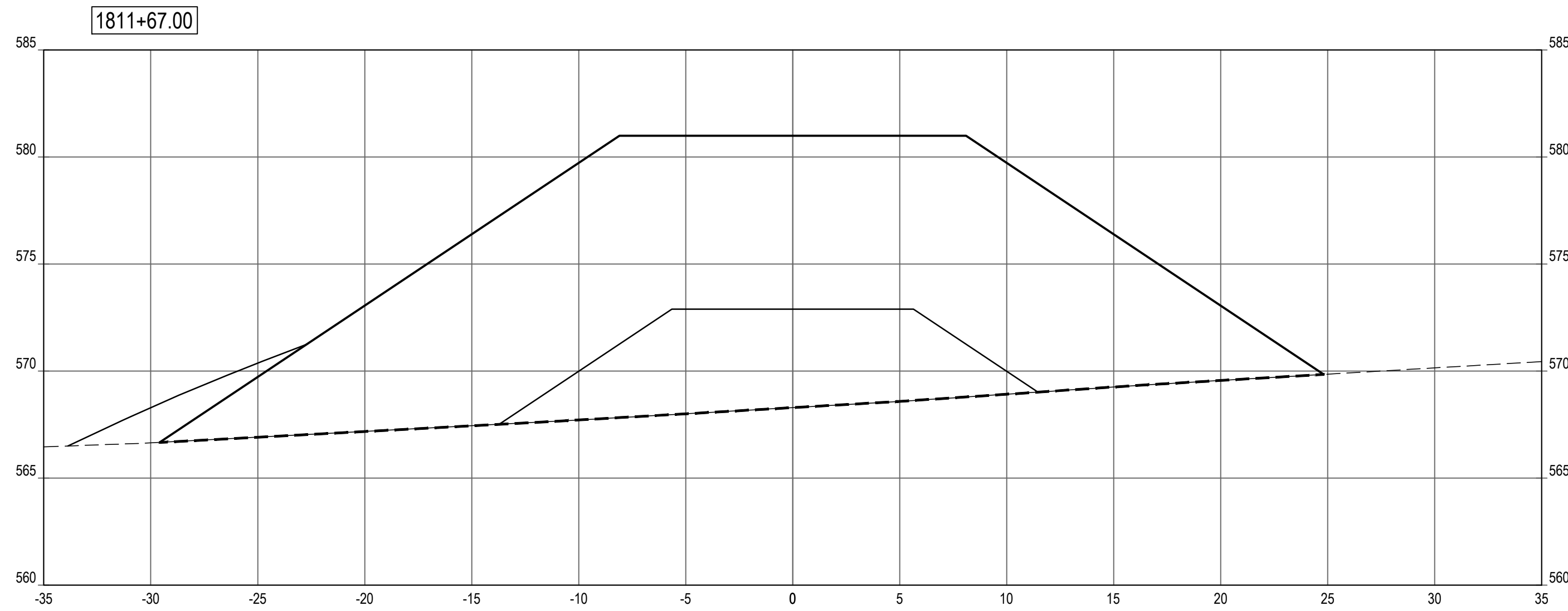
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO.
102-311-099

DATE
02/26/2021

SHEET NO.
C-139

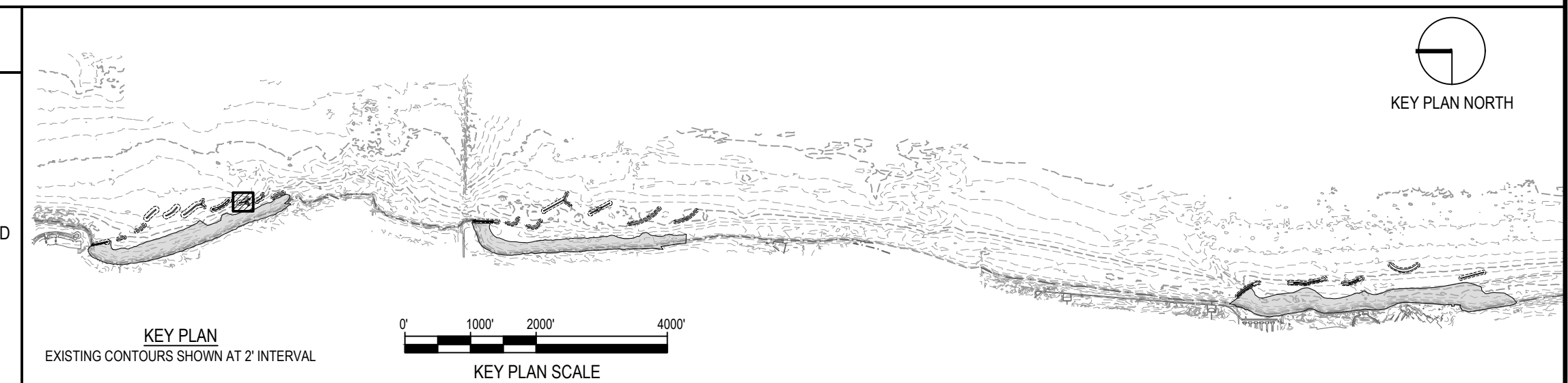
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SHEET NOTES

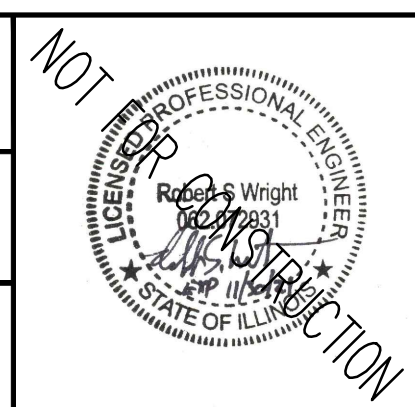
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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SECTIONS - BW1.8 (STA 1811+67 TO 1822+00)

ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO.
102-311-099

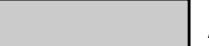
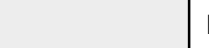
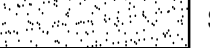



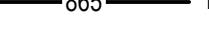
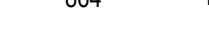
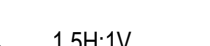


DATE
02/26/2021

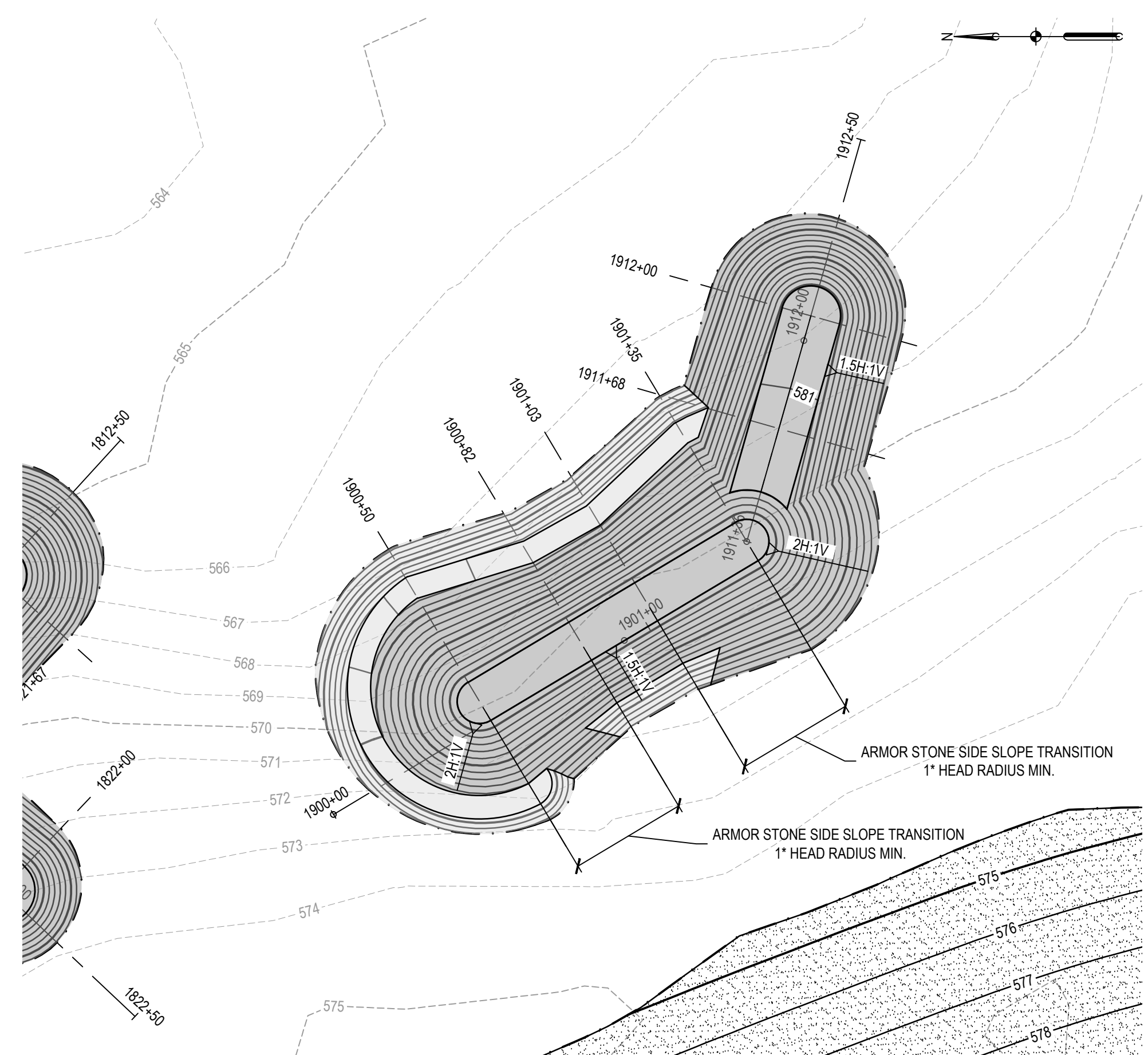
SHEET NO.

C-140

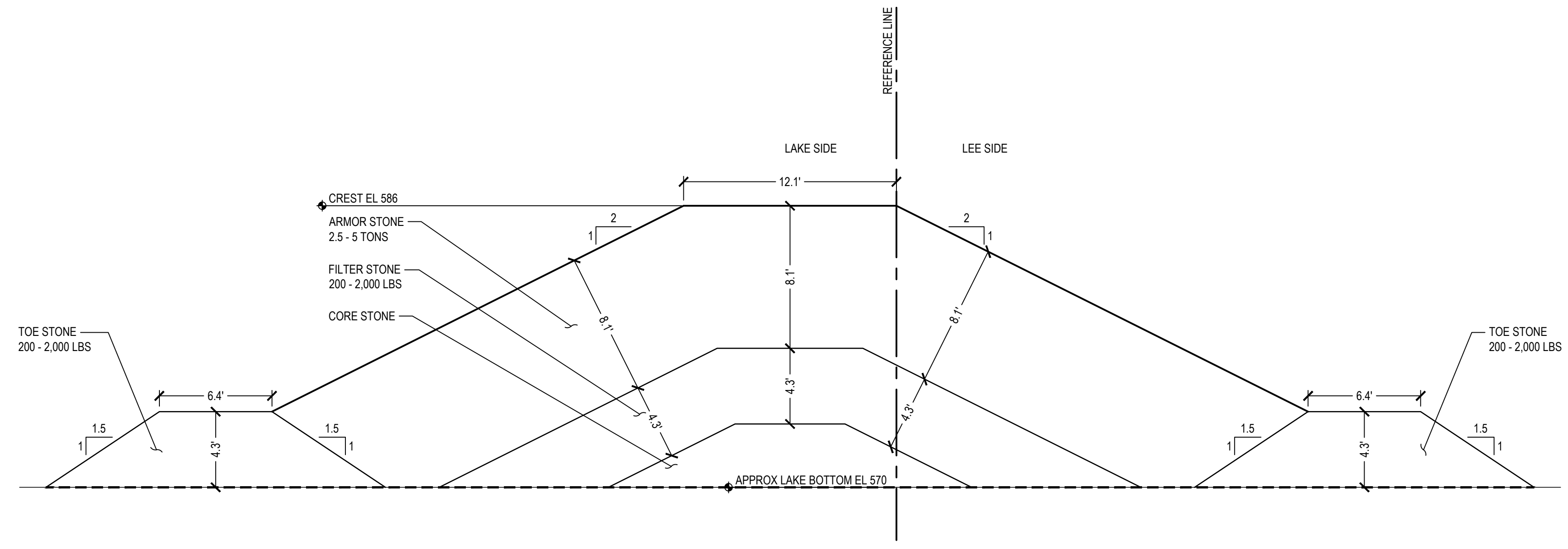
OF (124) SHEETS

LEGEND

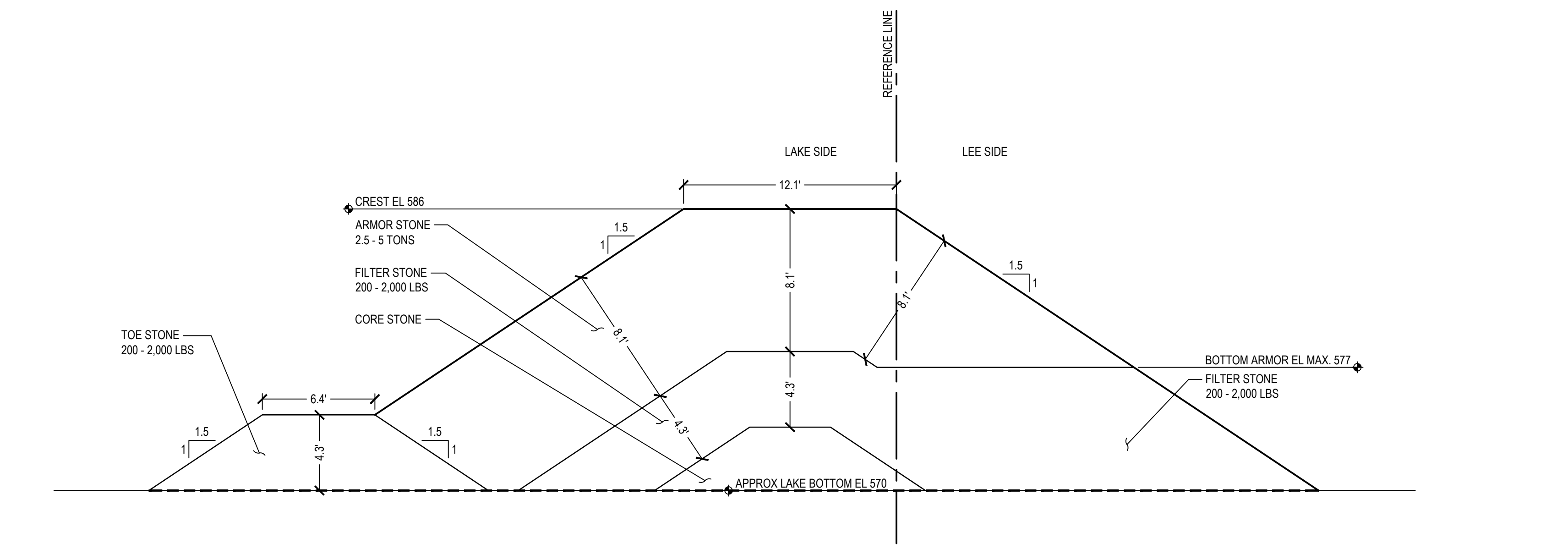
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-  FILTER STONE / TOE STONE
-  SAND BEACH
-  NAVIGATION AID
-  865 --- EXISTING MAJOR CONTOUR
-  864 --- EXISTING MINOR CONTOUR
-  865 --- PROPOSED MAJOR CONTOUR
-  864 --- PROPOSED MINOR CONTOUR
-  GRADING LIMITS
-  1.5H:1V COASTAL STRUCTURE SIDE SLOPE
-  SECTION - COMPOSITE GEOTEXTILE GEOGRID



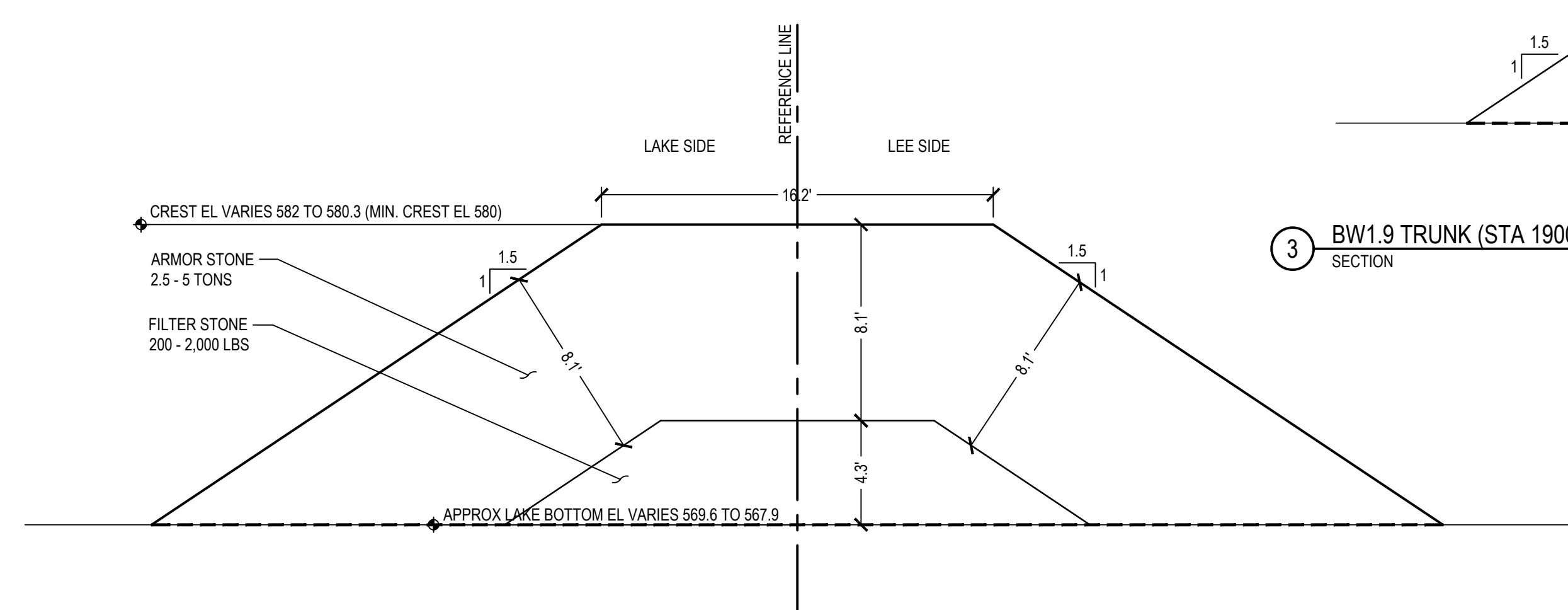
1 BW1.9 LAYOUT & GRADING
PLAN
SCALE: 1" = 30'



2 BW1.9 HEAD (START TO STA 1900+50)
SECTION
SCALE: 1" = 5'

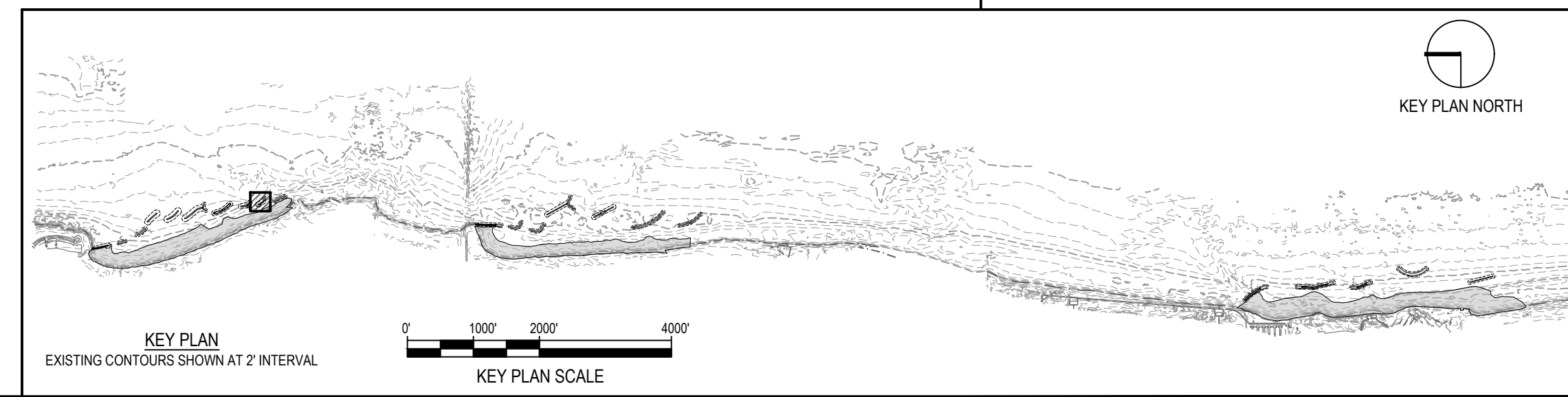
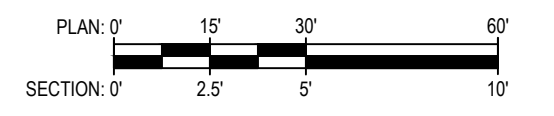


3 BW1.9 TRUNK (STA 1900+82 TO 1901+03)
SECTION
SCALE: 1" = 5'

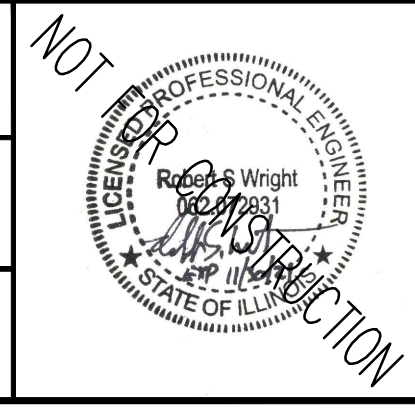


4 BW1.9 FISHTAIL (STA 1911+36 TO END)
SECTION
SCALE: 1" = 5'

NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.



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NO.	DATE	REMARKS	---	---



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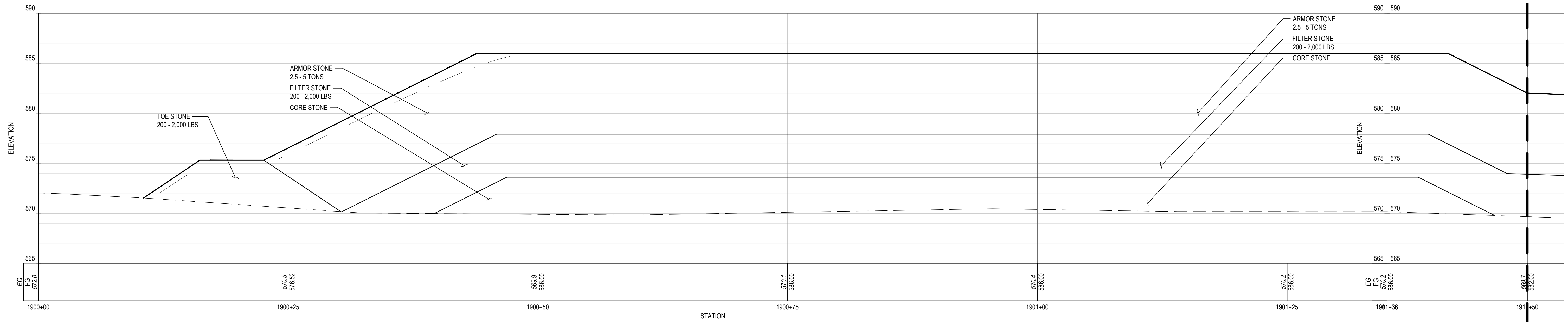


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PLAN & TYPICAL SECTIONS - BW1.9
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
1 LAKE FRONT DRIVE
ZION, LAKE COUNTY, ILLINOIS

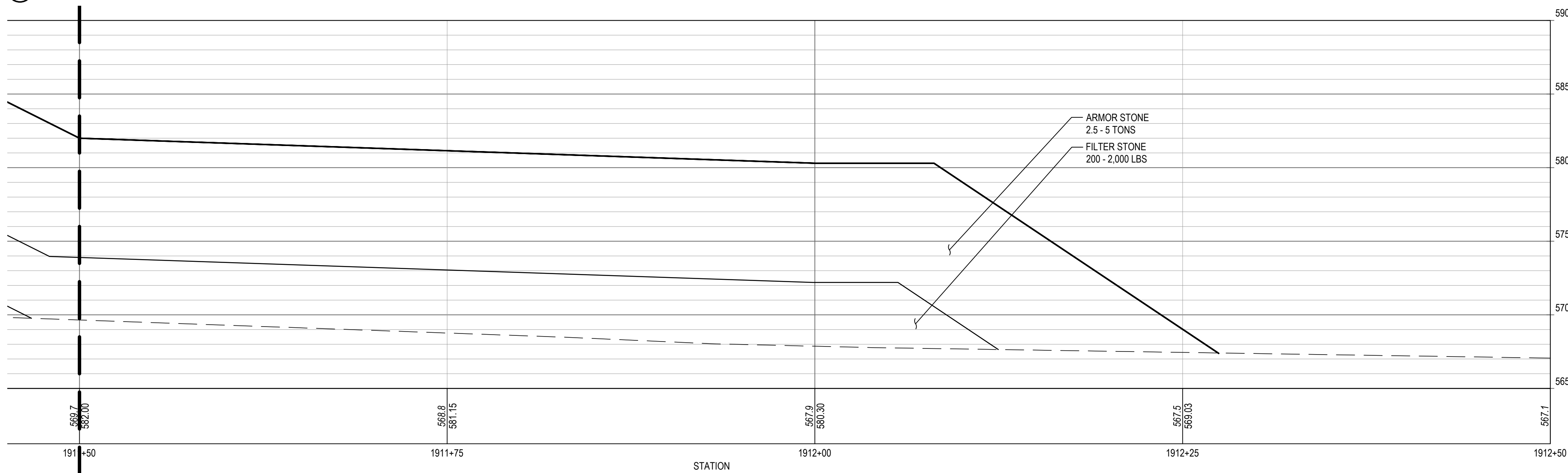
PROJECT NO. 102-311-099
DATE 02/26/2021
SHEET NO. C-141
OF (124) SHEETS

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1 BW1.9 PROFILE

SCALE: 1" = 5'

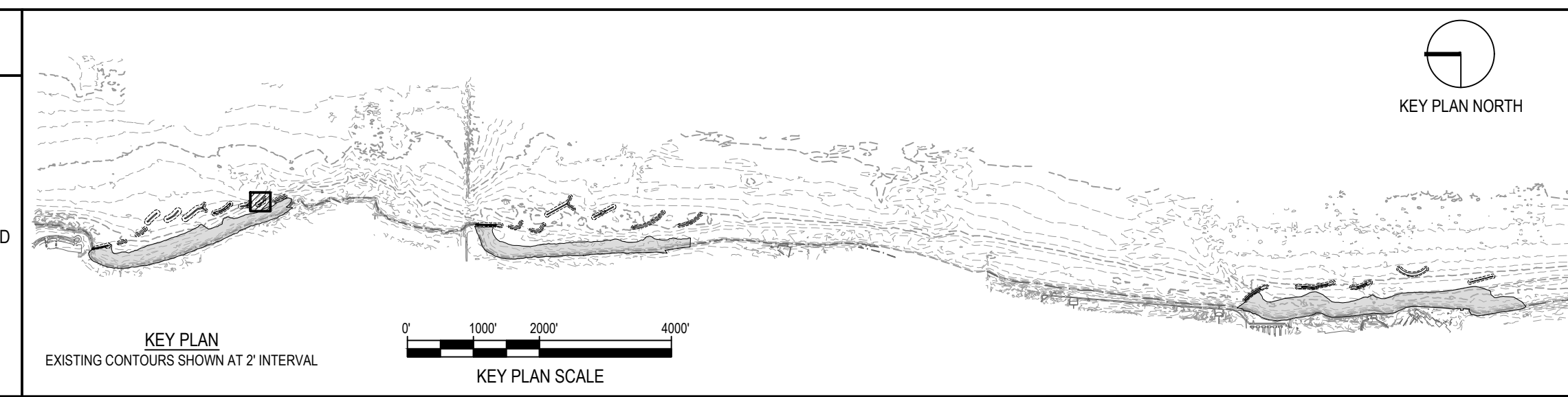


2 BW1.9 FISHTAIL

SCALE: 1" = 5'

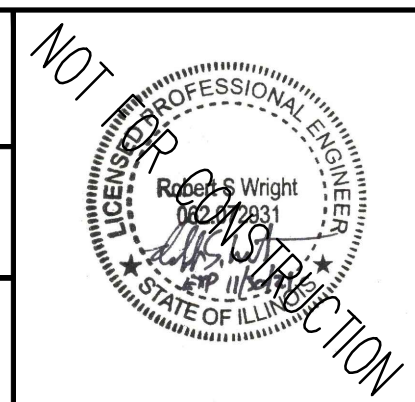


SHEET NOTES	LEGEND
	<ul style="list-style-type: none"> --- PROFILE / SECTION - EXISTING GRADE — PROFILE - FINISH GRADE AT CENTERLINE — PROFILE - FINISH GRADE AT REFERENCE LINE --- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID --- SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



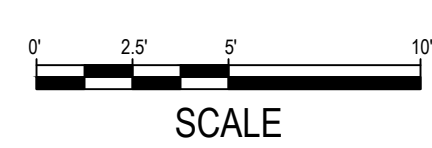
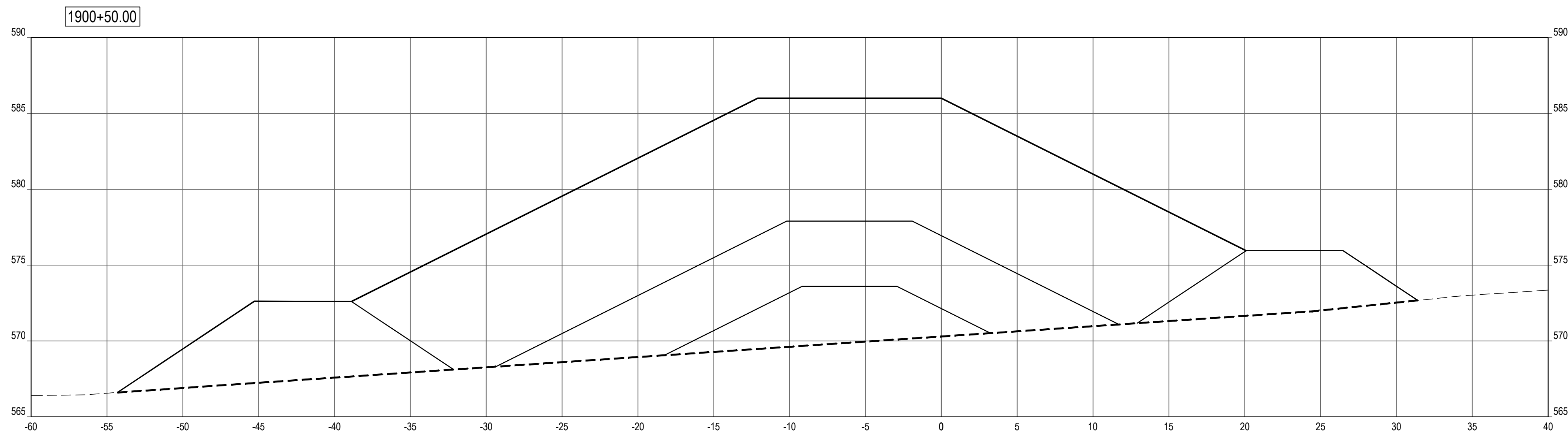
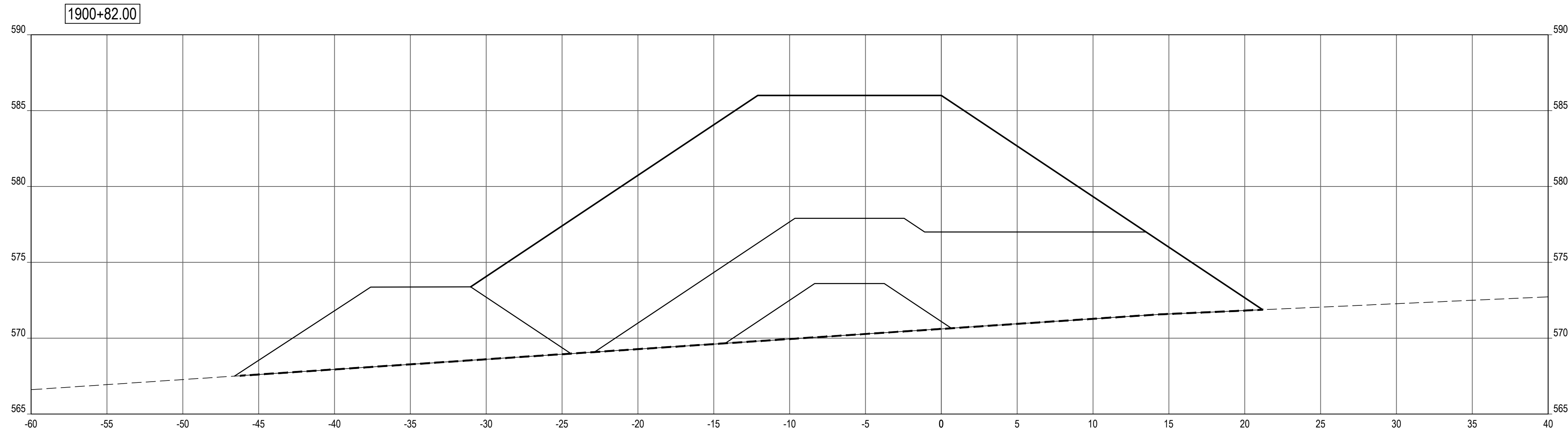
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PROFILE - BW1.9	PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION	DATE 02/26/2021
1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS	SHEET NO. C-142
	OF (124) SHEETS

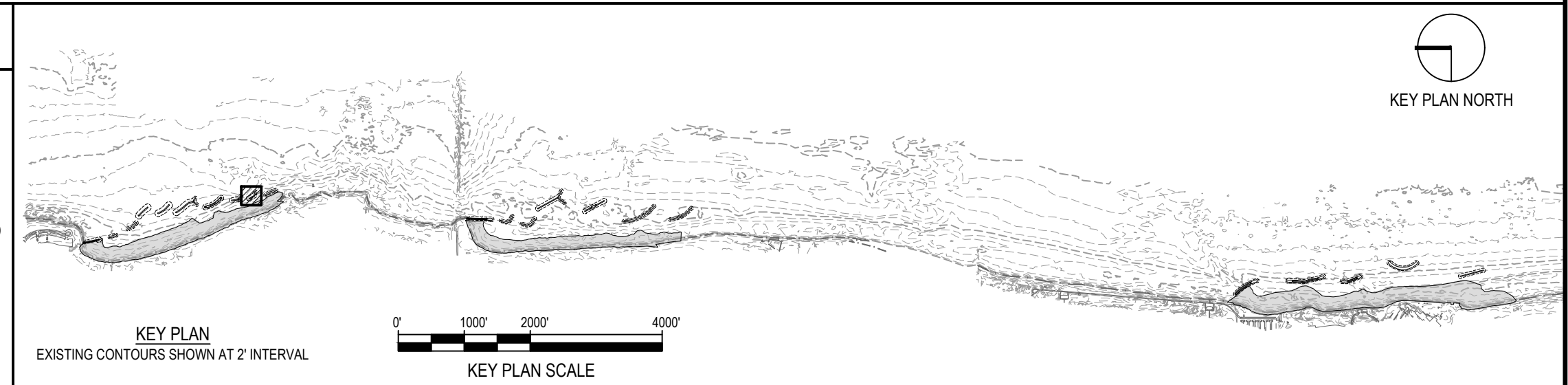
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SHEET NOTES

LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE

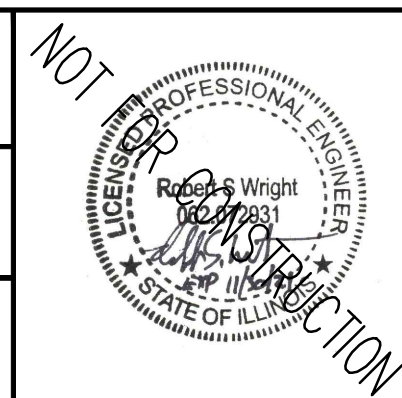


NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS

NO.	DATE	REMARKS

DRAWN	PREPARED
---	---
TRACED	APPROVED
---	---
CHECKED	APPROVED
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SECTIONS - BW1.9 (STA 1900+50 TO 1900+82)

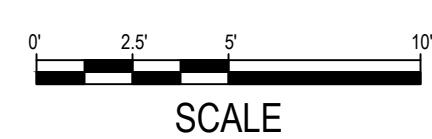
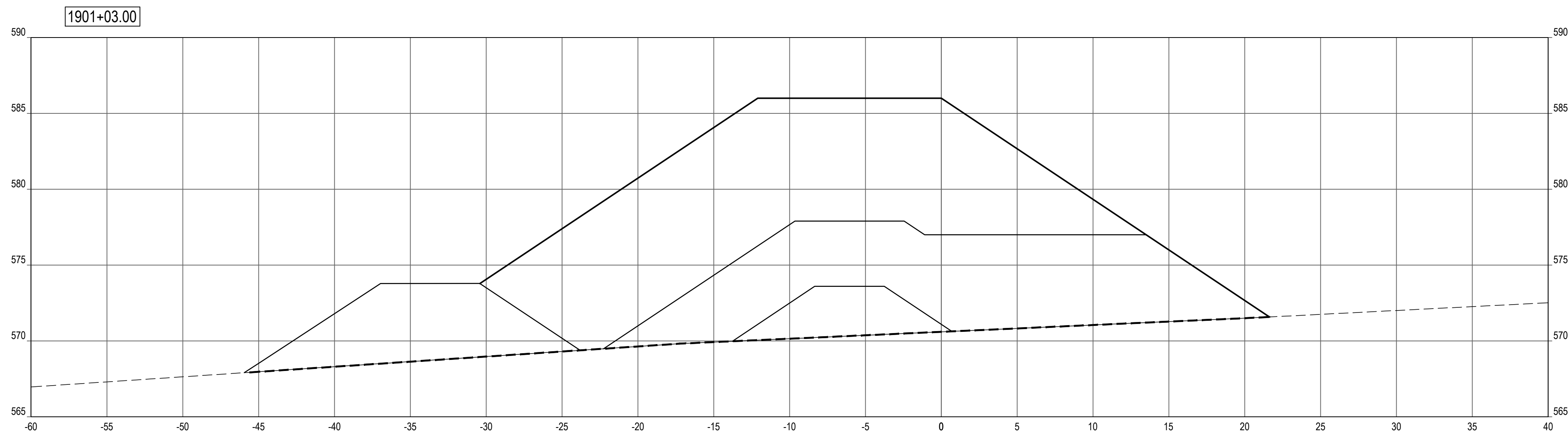
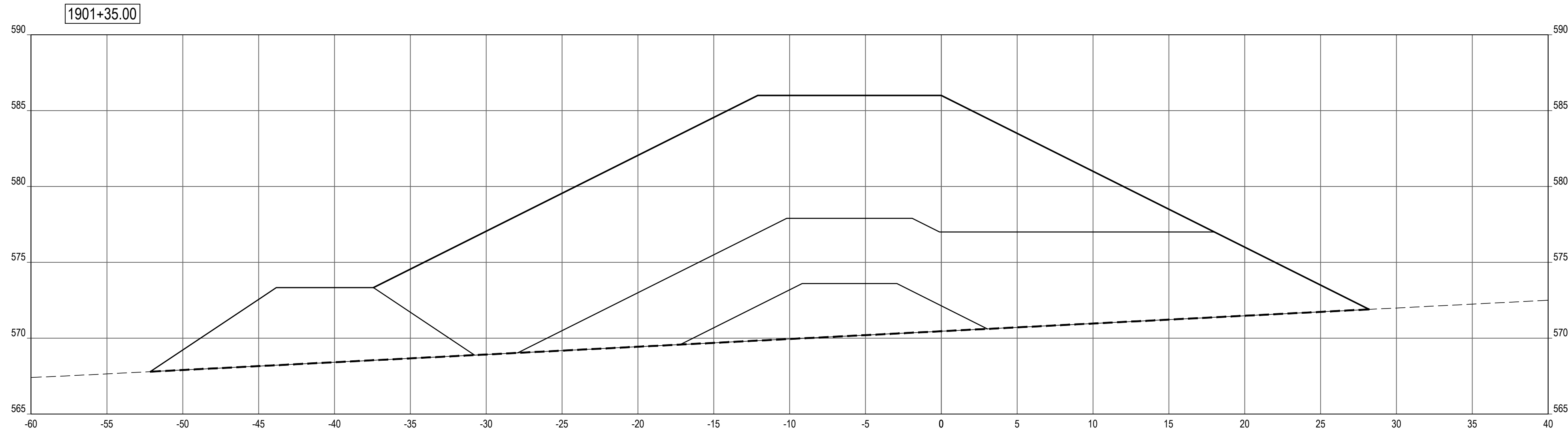
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO.
102-311-099

DATE
02/26/2021

SHEET NO.
C-143

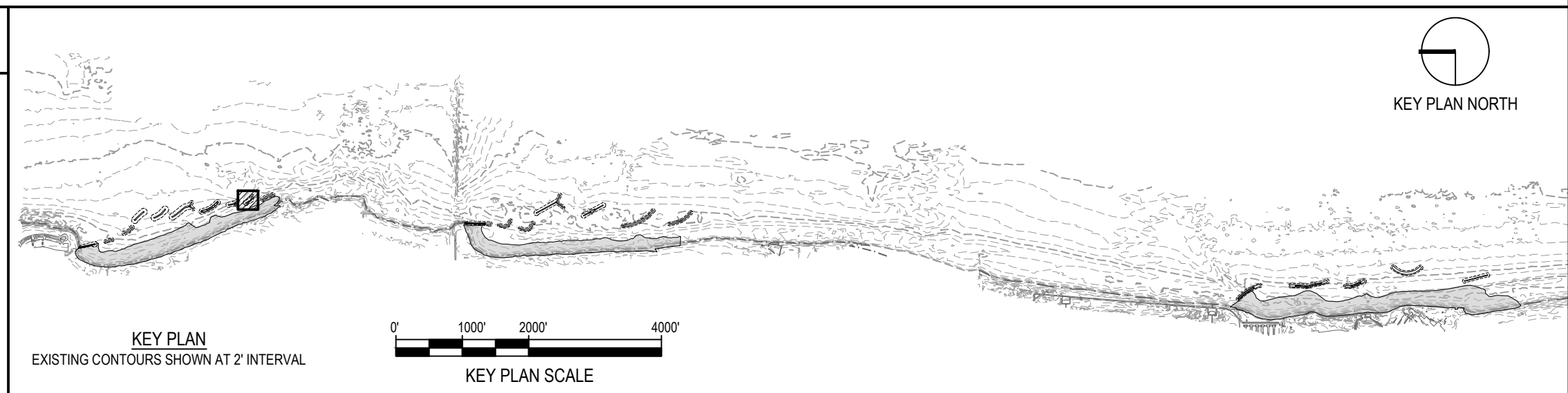
OF (124) SHEETS



SHEET NOTES

LEGEND

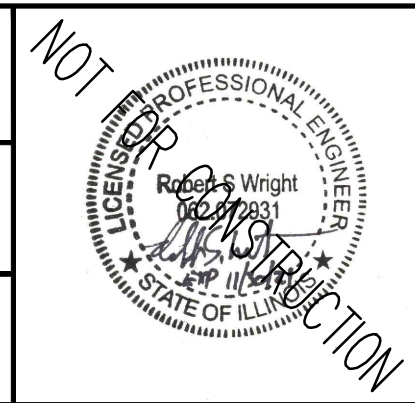
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- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS		
NO.	DATE	REMARKS

DRAWN	PREPARED
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TRACED	APPROVED
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CHECKED	APPROVED
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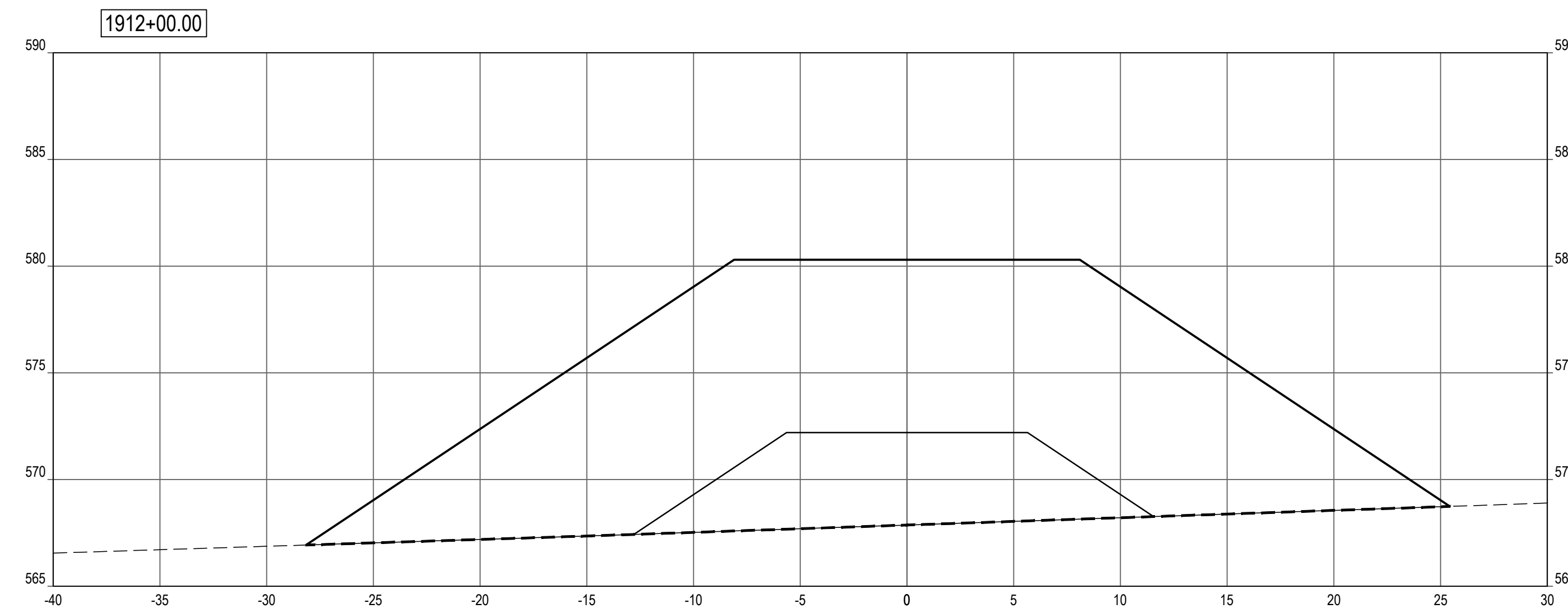
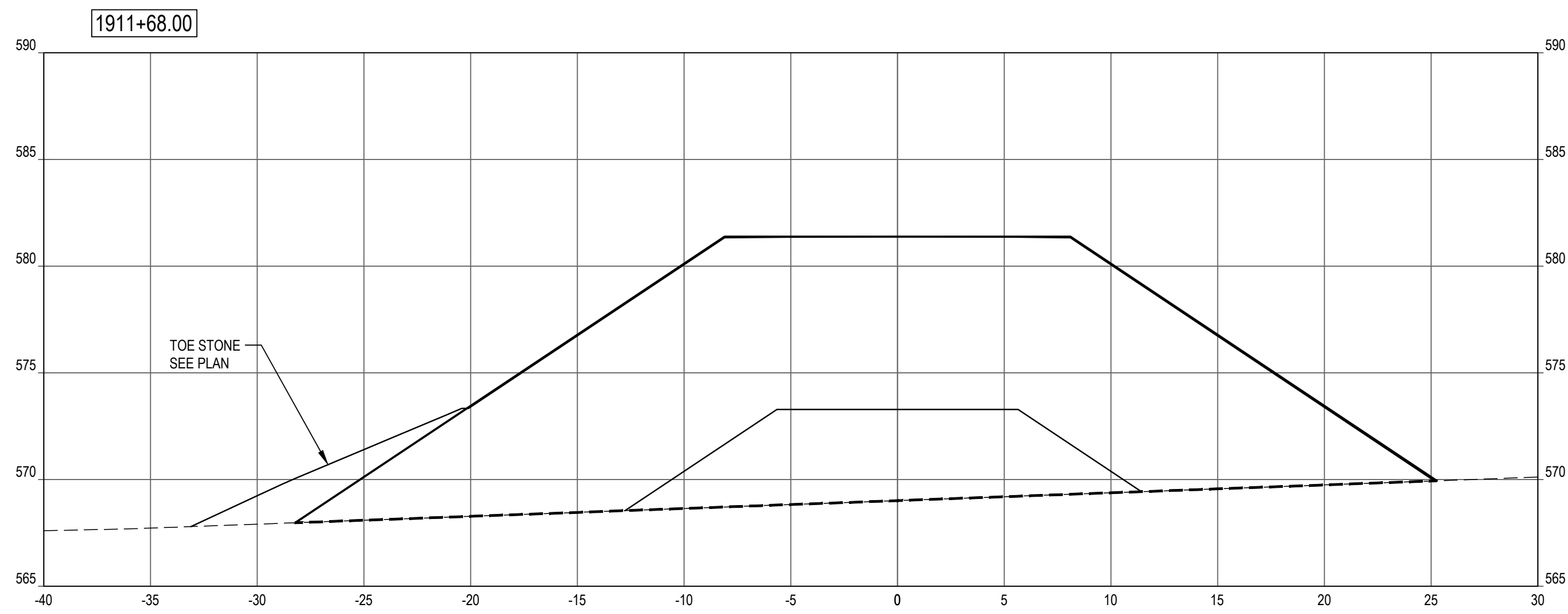
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SECTIONS - BW1.9 (STA 1901+03 TO 1901+35)	PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS	DATE 02/26/2021
	SHEET NO. C-144
	OF (124) SHEETS

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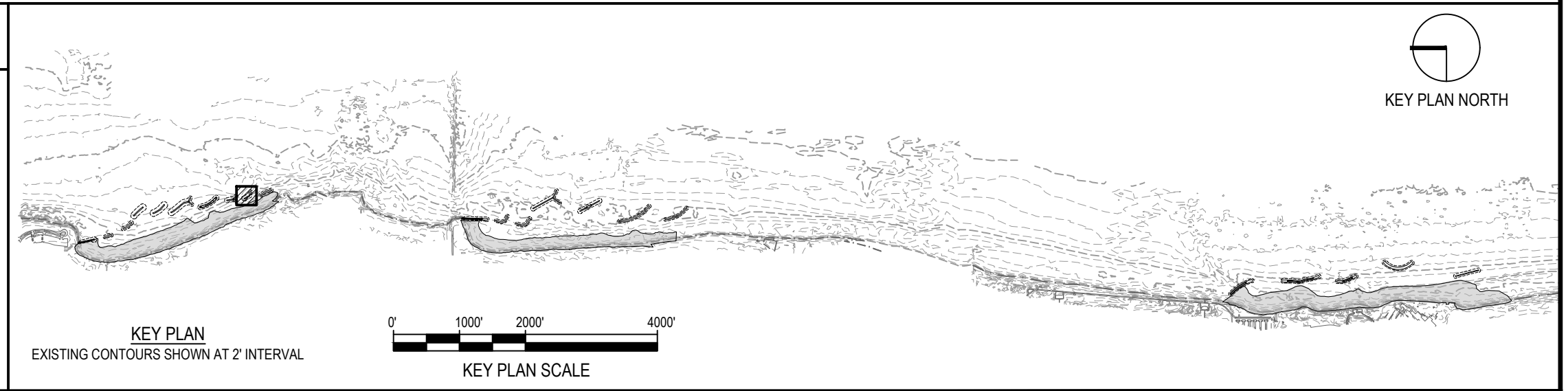


NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

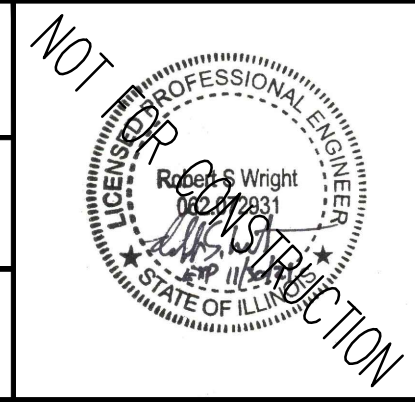
SHEET NOTES

LEGEND

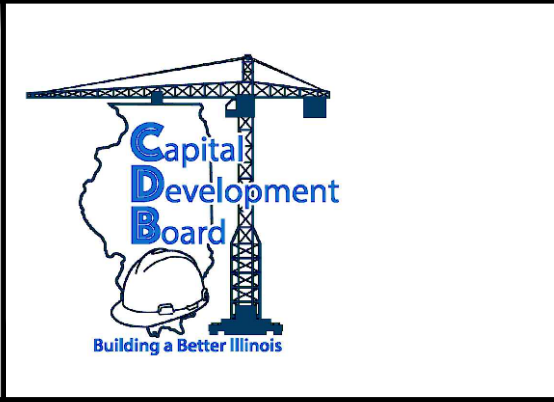
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- PROFILE - FINISH GRADE AT CENTERLINE
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- · - · - · SECTION - FINISH BEACH GRADE



REVISIONS			DRAWN	PREPARED
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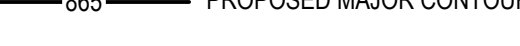
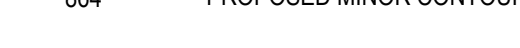



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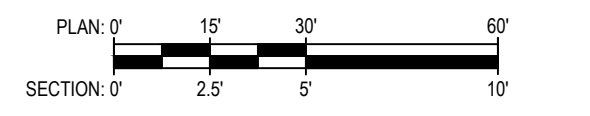
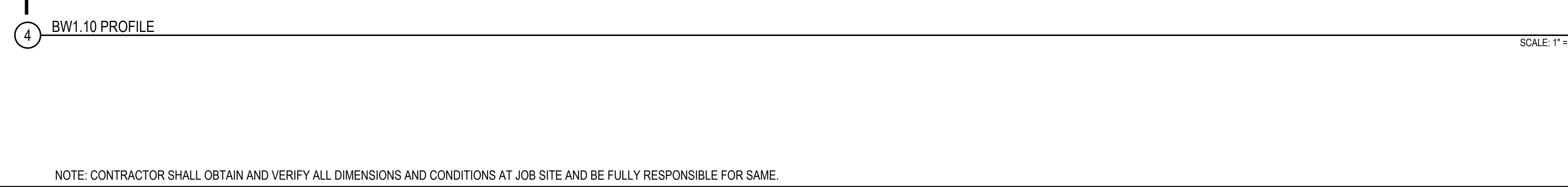
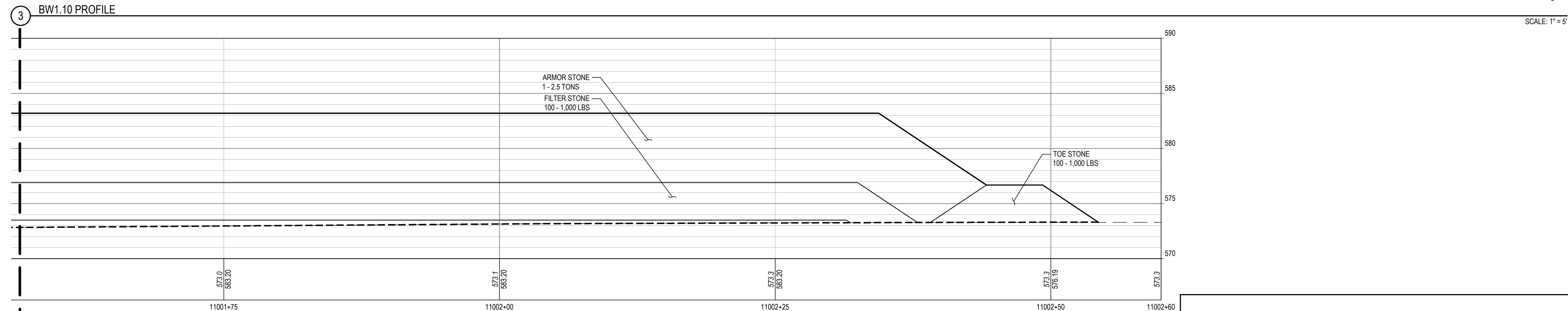
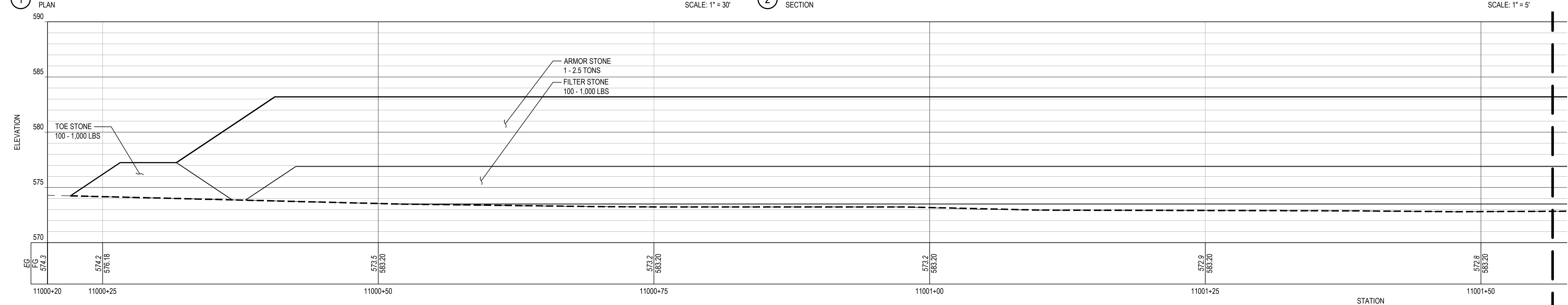
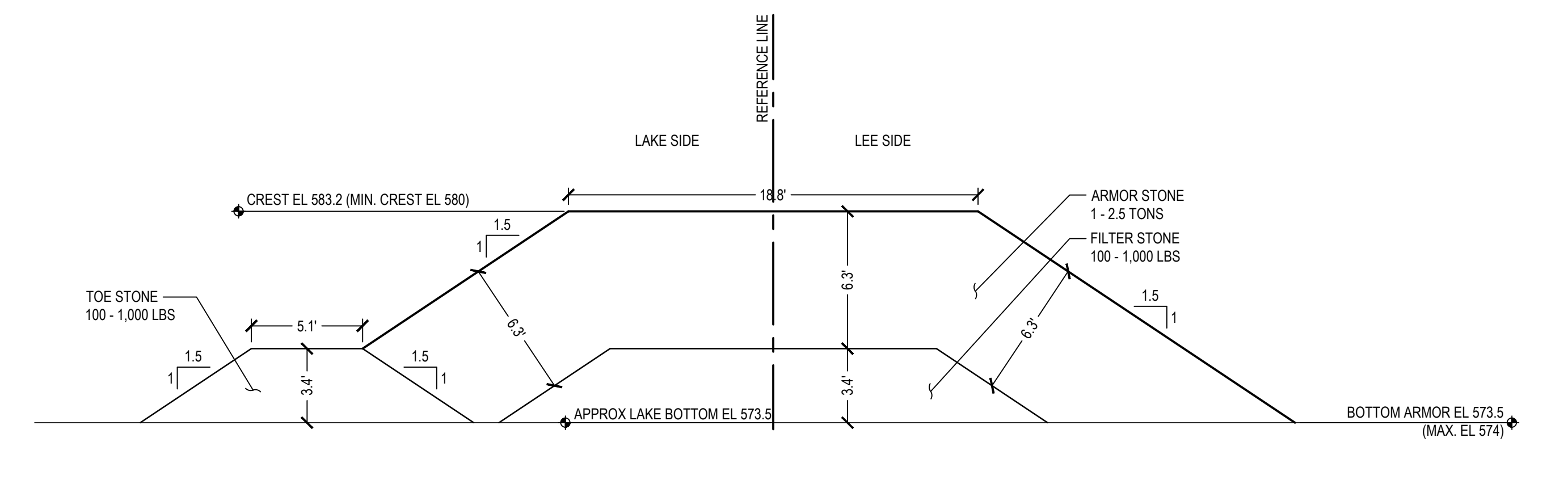
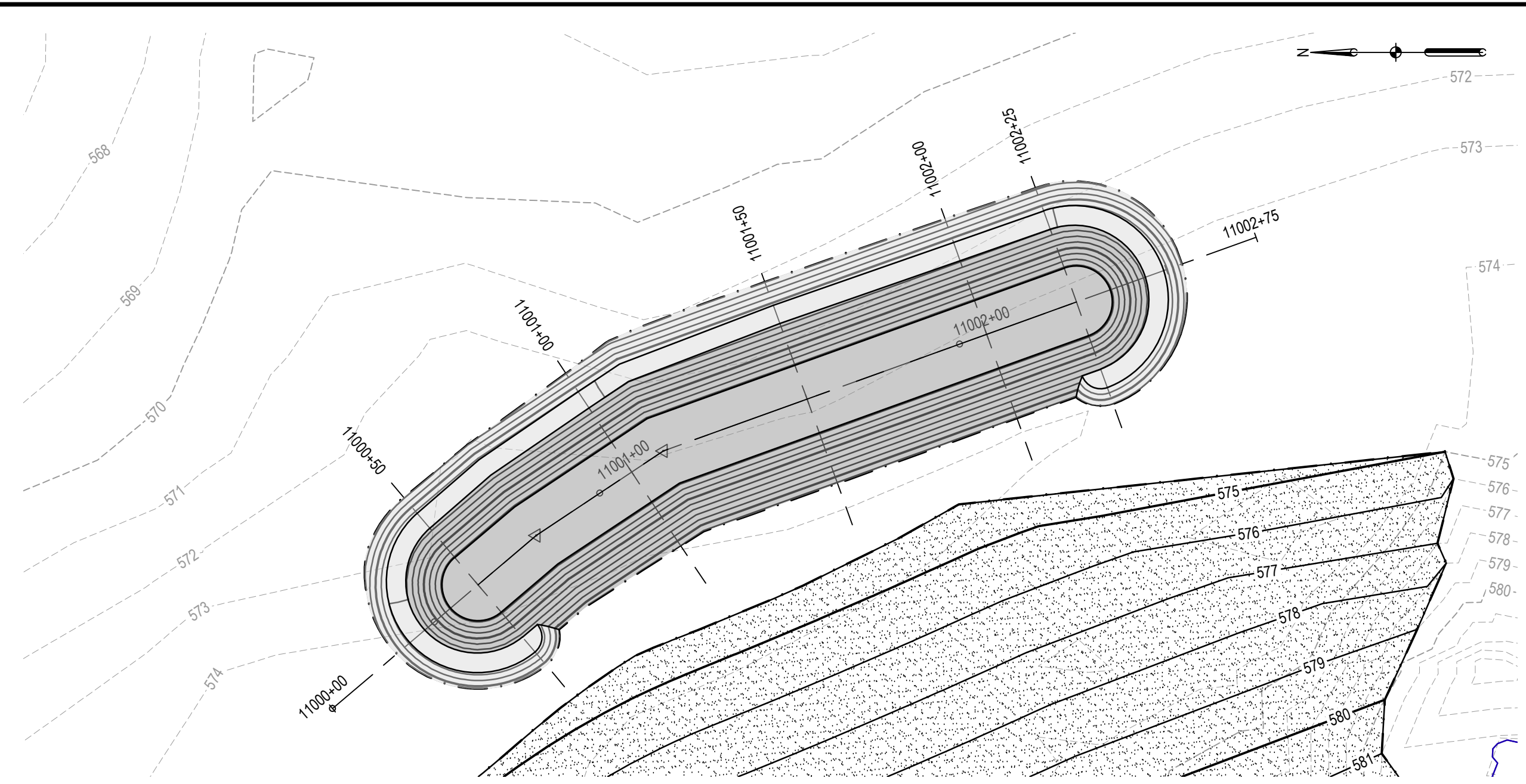
SECTIONS - BW1.9 (STA 1911+68 TO 1912+00)
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-145**
 OF (124) SHEETS

SHEET NOTES

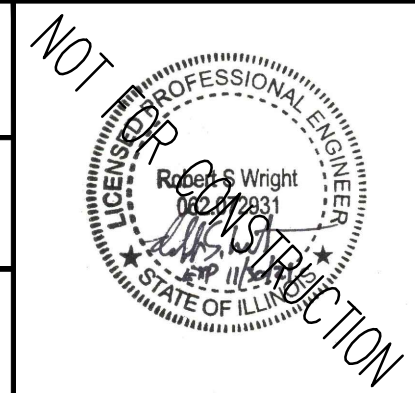
LEGEND

-  ARMOR STONE
-  FILTER STONE / TOE STONE
-  SAND BEACH
-  NAVIGATION AID
-  -865- EXISTING MAJOR CONTOUR
-  -864- EXISTING MINOR CONTOUR
-  865 PROPOSED MAJOR CONTOUR
-  864 PROPOSED MINOR CONTOUR
-  GRADING LIMITS
-  1.5H:1V COASTAL STRUCTURE SIDE SLOPE
-  SECTION - COMPOSITE GEOTEXTILE GEOGRID



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
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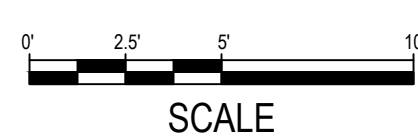
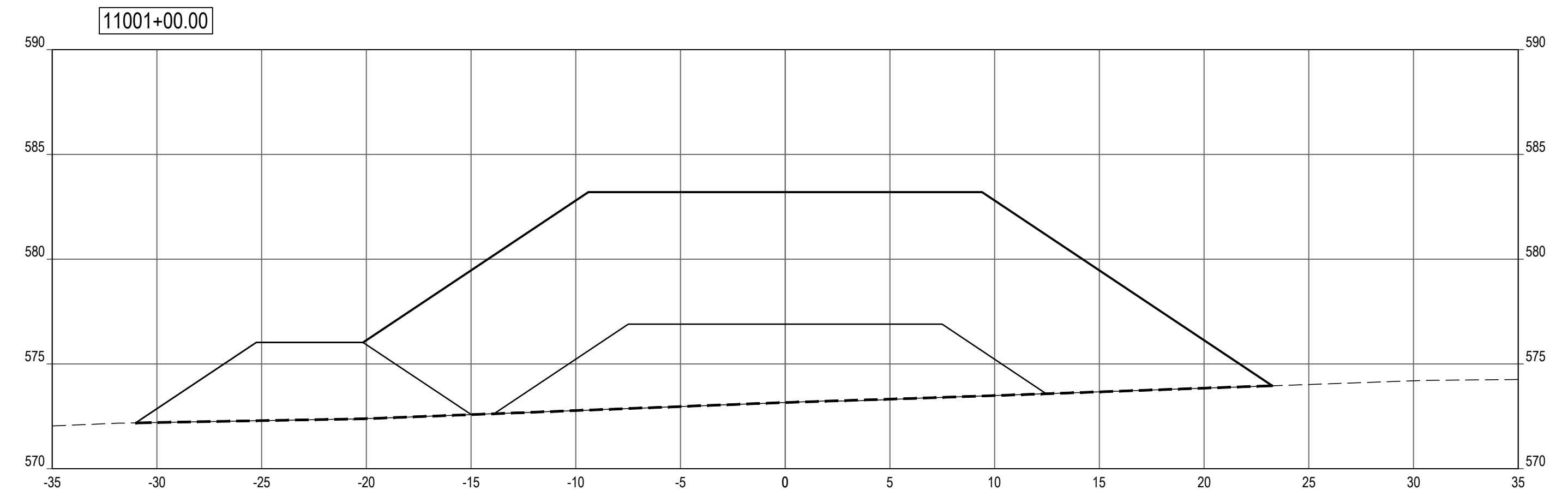
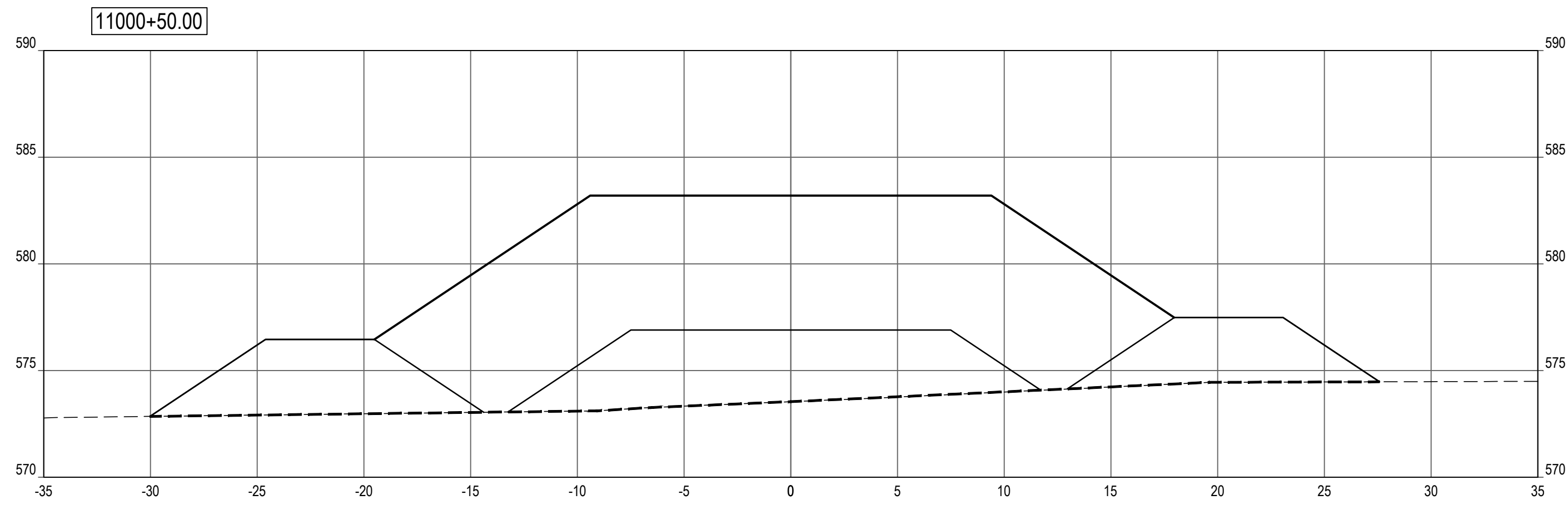
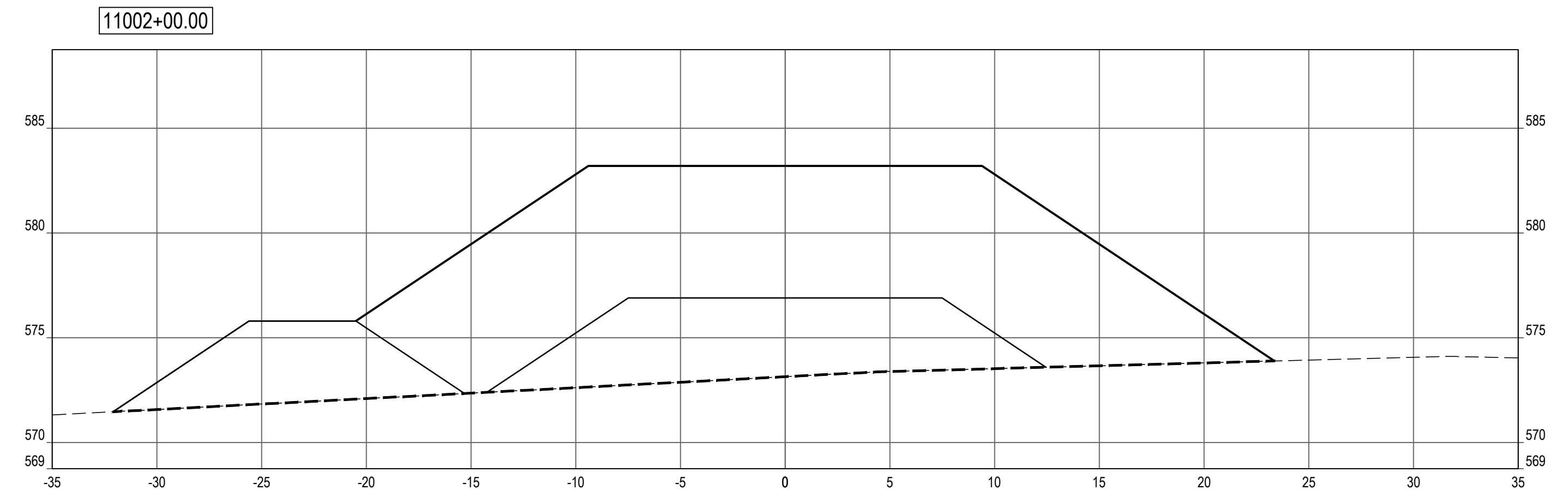
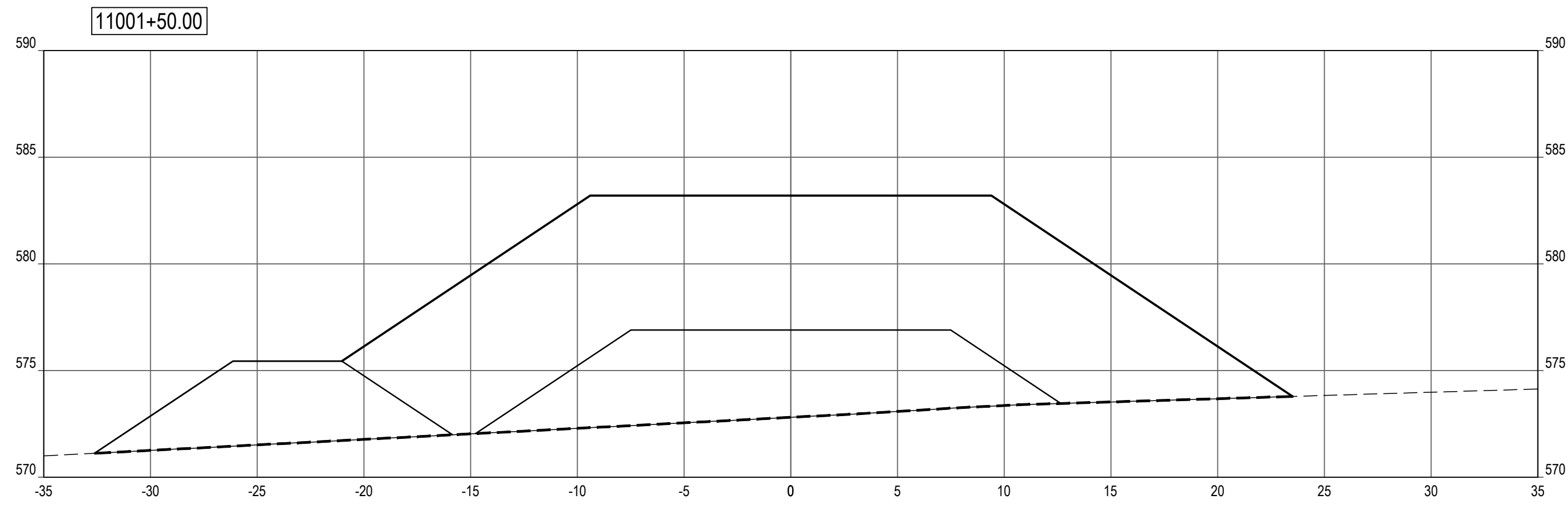
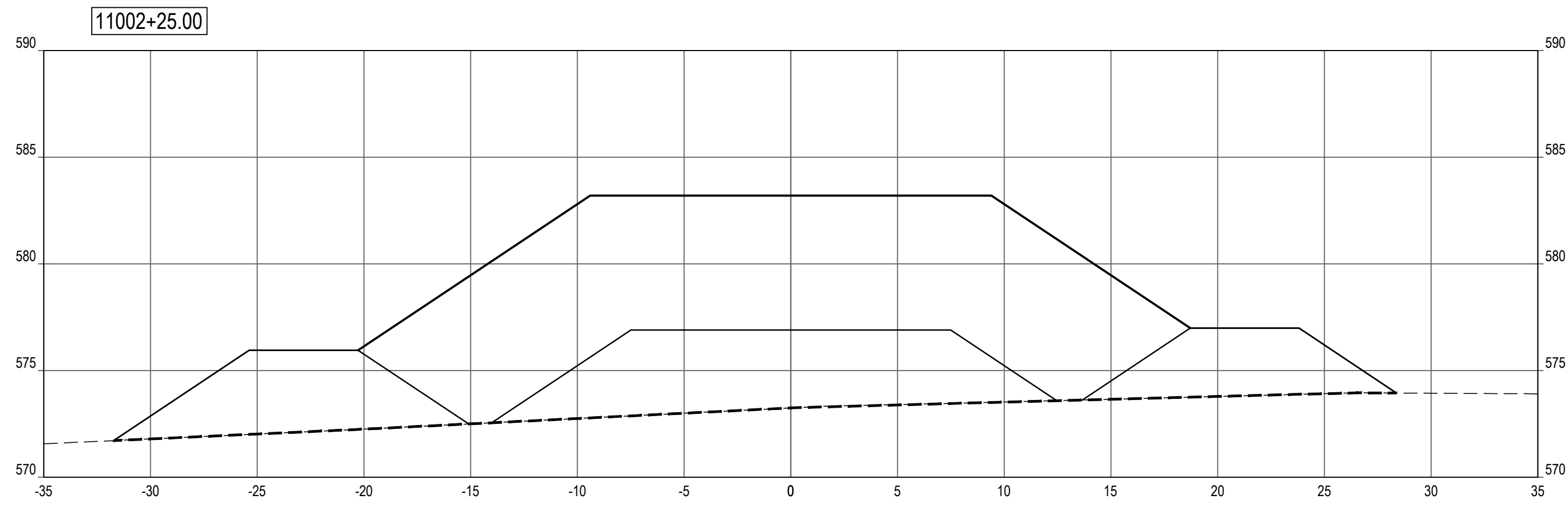
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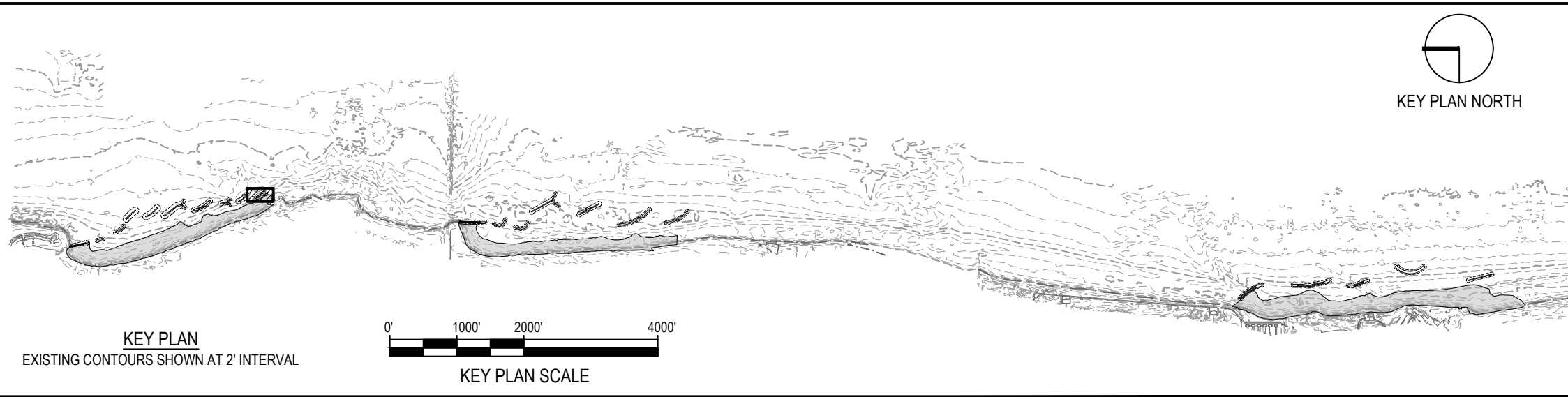
PLAN, TYPICAL SECTION & PROFILE - BW1.10		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-146
		OF (124) SHEETS

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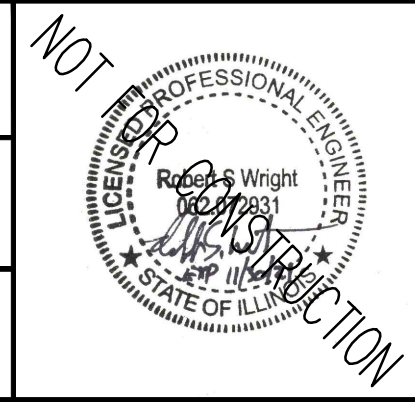
SHEET NOTES

- LEGEND**
- PROFILE / SECTION - EXISTING GRADE
 - PROFILE - FINISH GRADE AT CENTERLINE
 - PROFILE - FINISH GRADE AT REFERENCE LINE
 - - - - PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
 - - - - SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---



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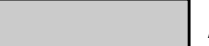
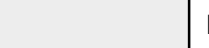
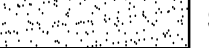

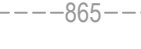

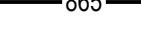
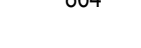
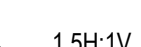


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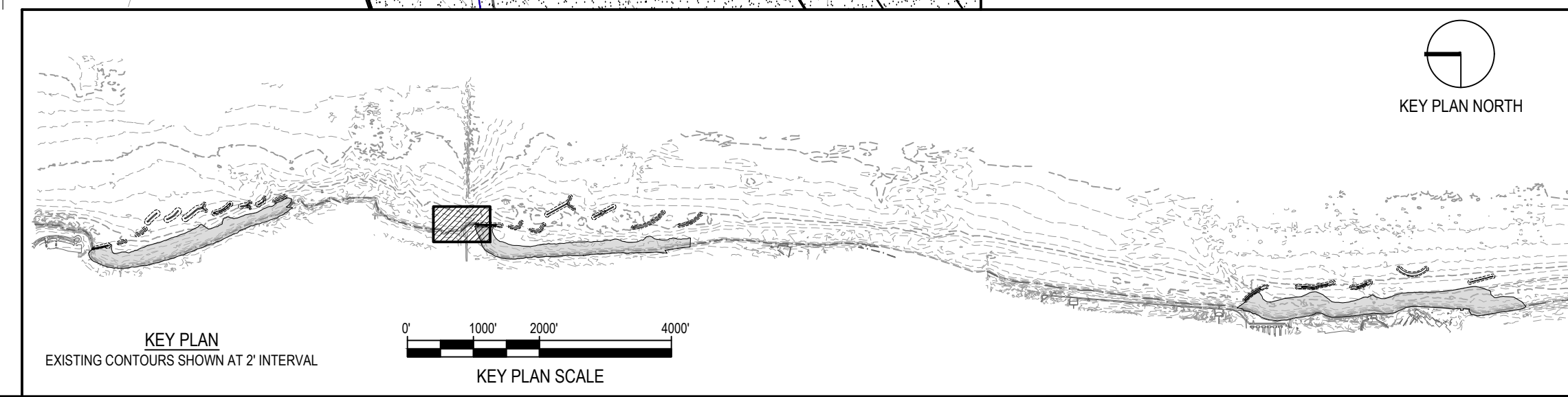
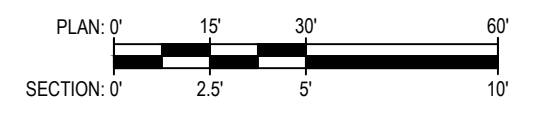
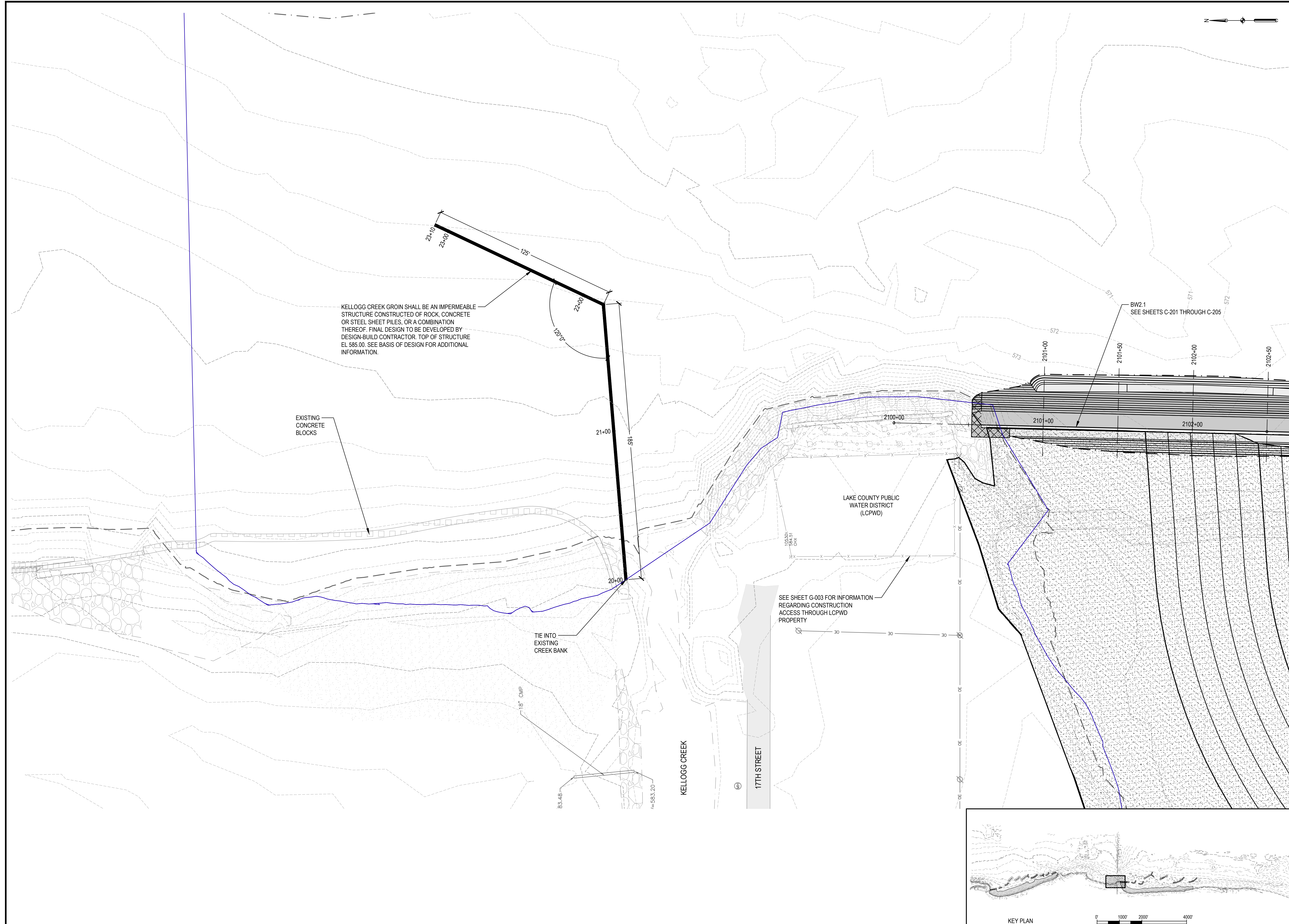
SECTIONS - BW1.10 (STA 110 00+50 TO 110 02+25)		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-147
		OF (124) SHEETS

SHEET NOTES

1. SEE SHEET G-002 FOR ALIGNMENT TABLE.

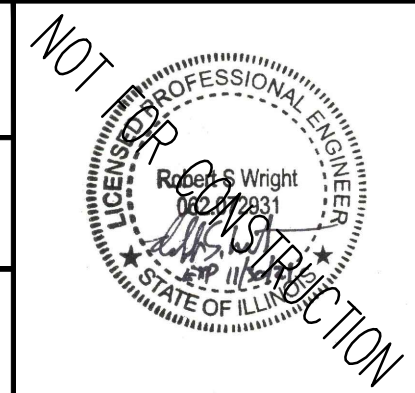
LEGEND

-  ARMOR STONE
-  FILTER STONE / TOE STONE
-  SAND BEACH
-  NAVIGATION AID
-  EXISTING MAJOR CONTOUR
-  EXISTING MINOR CONTOUR
-  PROPOSED MAJOR CONTOUR
-  PROPOSED MINOR CONTOUR
-  GRADING LIMITS
-  COASTAL STRUCTURE SIDE SLOPE
-  SECTION - COMPOSITE GEOTEXTILE GEOGRID



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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KELLOGG CREEK GROIN PLAN
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

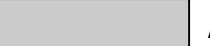
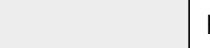
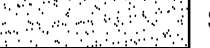



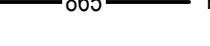
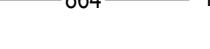
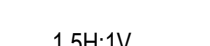

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-148**
 OF (124) SHEETS

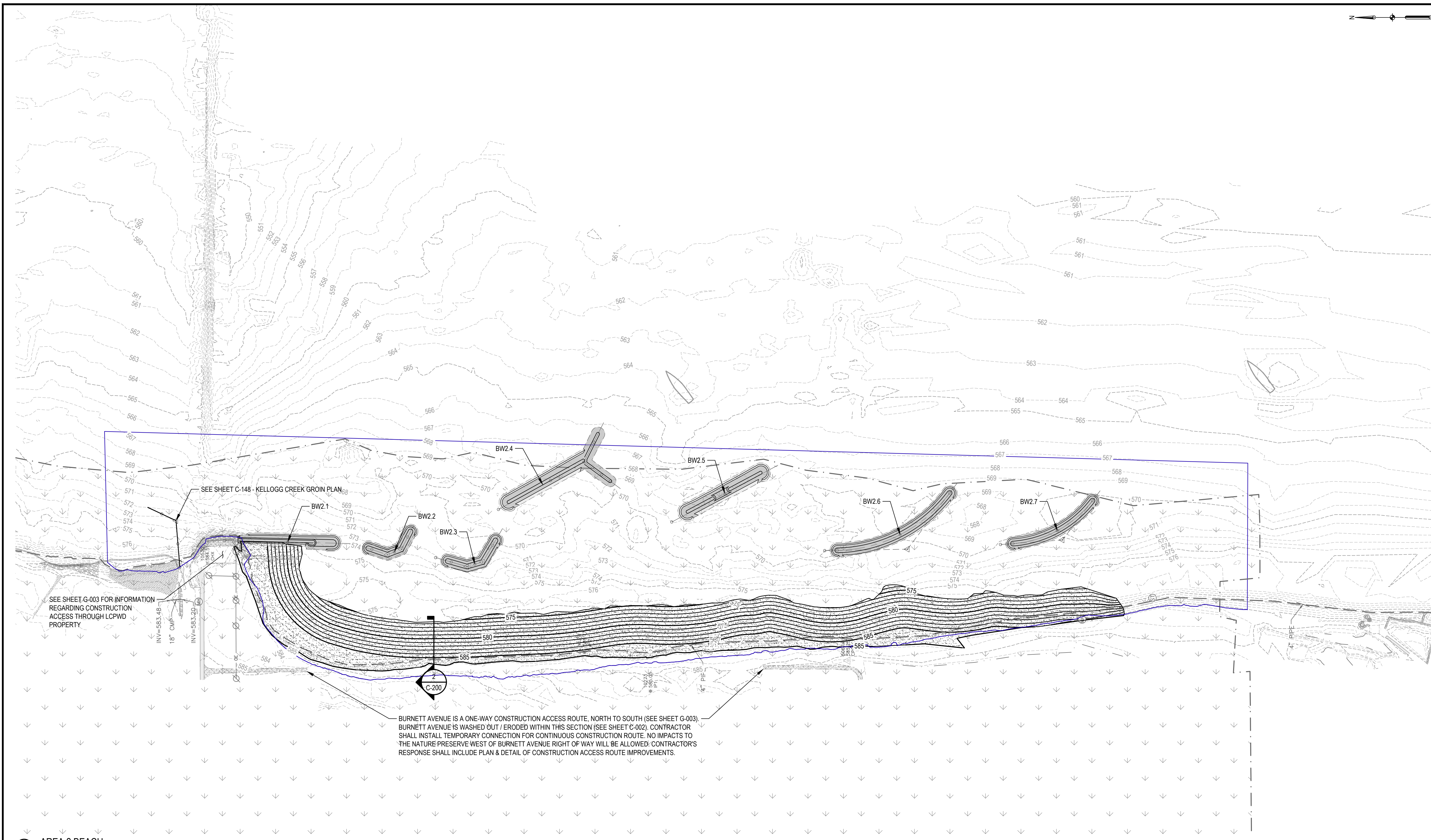
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SHEET NOTES

- SEE SHEETS C-201 TO C-234 FOR TYPICAL BREAKWATER DETAILS, LONGITUDINAL SECTIONS, AND REPRESENTATIVE CROSS-SECTIONS.
- AVIAN HABITAT ENHANCEMENTS SHALL BE CONSIDERED FOR AREA 2. SEE SECTION 5 OF THE BASIS OF DESIGN FOR ADDITIONAL INFORMATION.

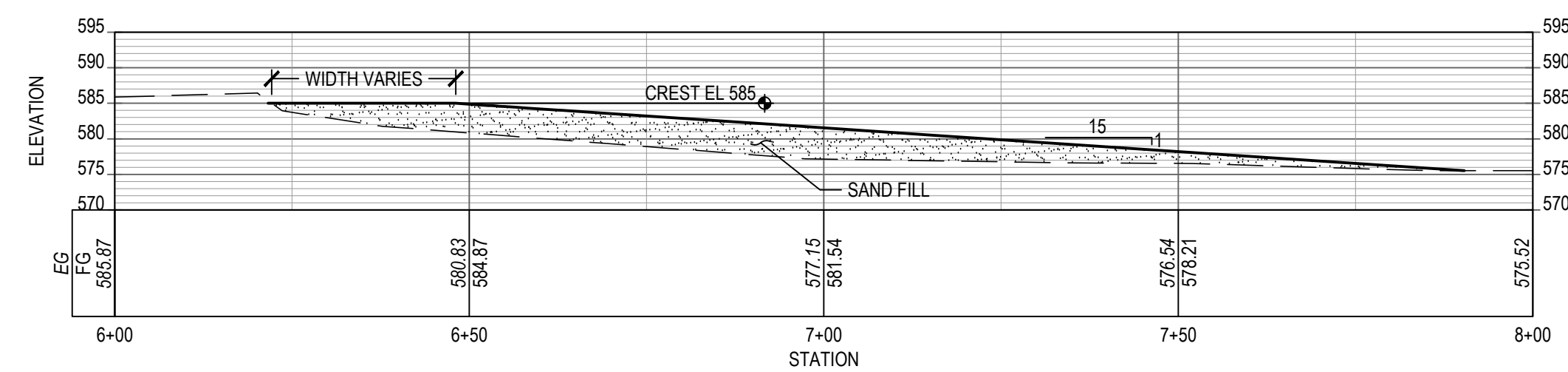
LEGEND

-  ARMOR STONE
-  FILTER STONE / TOE STONE
-  SAND BEACH
-  NAVIGATION AID
-  -865- EXISTING MAJOR CONTOUR
-  -864- EXISTING MINOR CONTOUR
-  -865- PROPOSED MAJOR CONTOUR
-  -864- PROPOSED MINOR CONTOUR
- GRADING LIMITS
-  1.5H:1V COASTAL STRUCTURE SIDE SLOPE
-  --- SECTION - COMPOSITE GEOTEXTILE GEOGRID



1 AREA 2 BEACH PLAN

SCALE: 1" = 200'

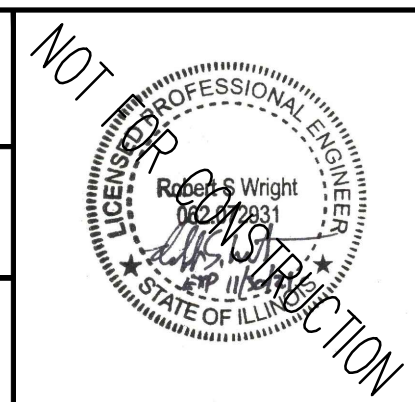


2 AREA 2 BEACH CROSS-SECTION

SCALE: 1" = 20'

NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
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AREA 2 - OVERALL PLAN
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099

DATE 02/26/2021












SHEET NO. C-200

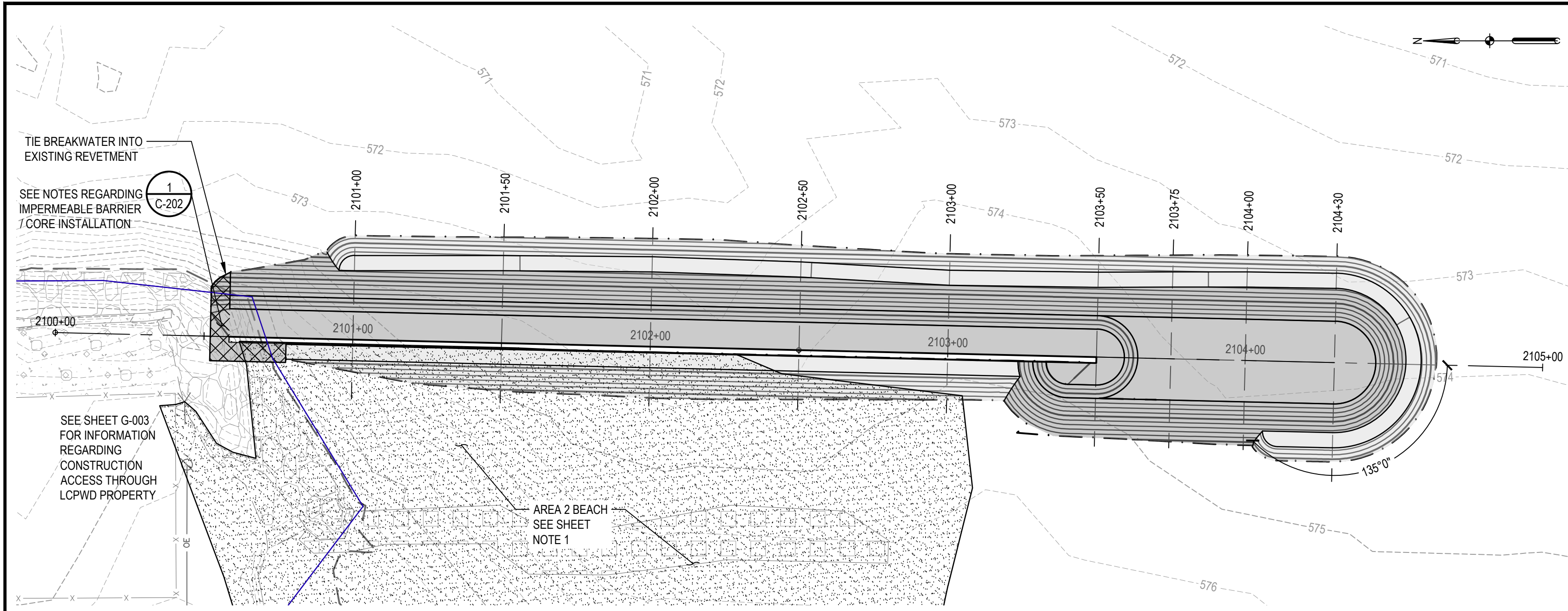
OF (124) SHEETS

SHEET NOTES

- AREA 2 BEACH CONTOURS NOT SHOWN FOR CLARITY.

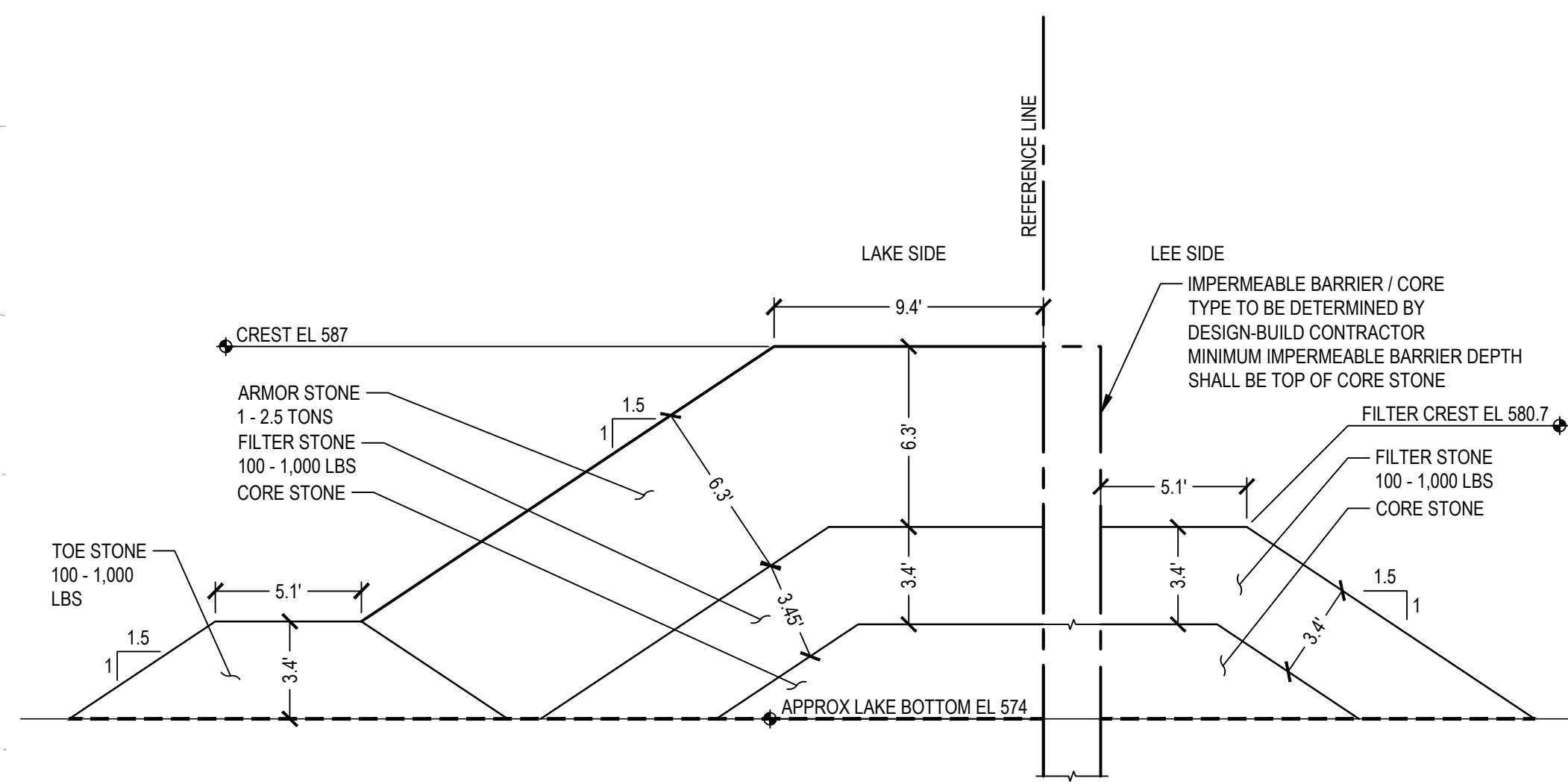
LEGEND

-  ARMOR STONE
-  FILTER STONE / TOE STONE
-  SAND BEACH
-  NAVIGATION AID
-  865 EXISTING MAJOR CONTOUR
-  864 EXISTING MINOR CONTOUR
-  865 PROPOSED MAJOR CONTOUR
-  864 PROPOSED MINOR CONTOUR
-  GRADING LIMITS
-  1.5H:1V COASTAL STRUCTURE SIDE SLOPE
-  SECTION - COMPOSITE GEOTEXTILE GEOGRID



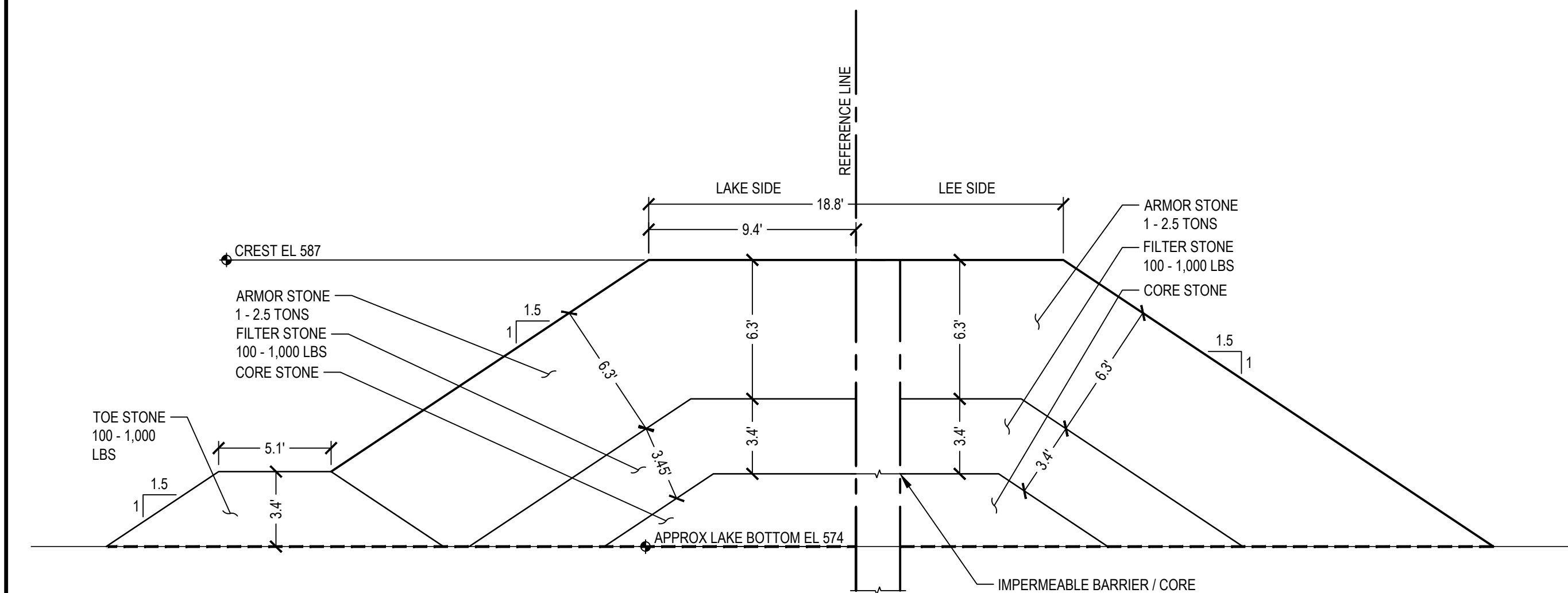
1 BW2.1 LAYOUT & GRADING PLAN

SCALE: 1" = 30'



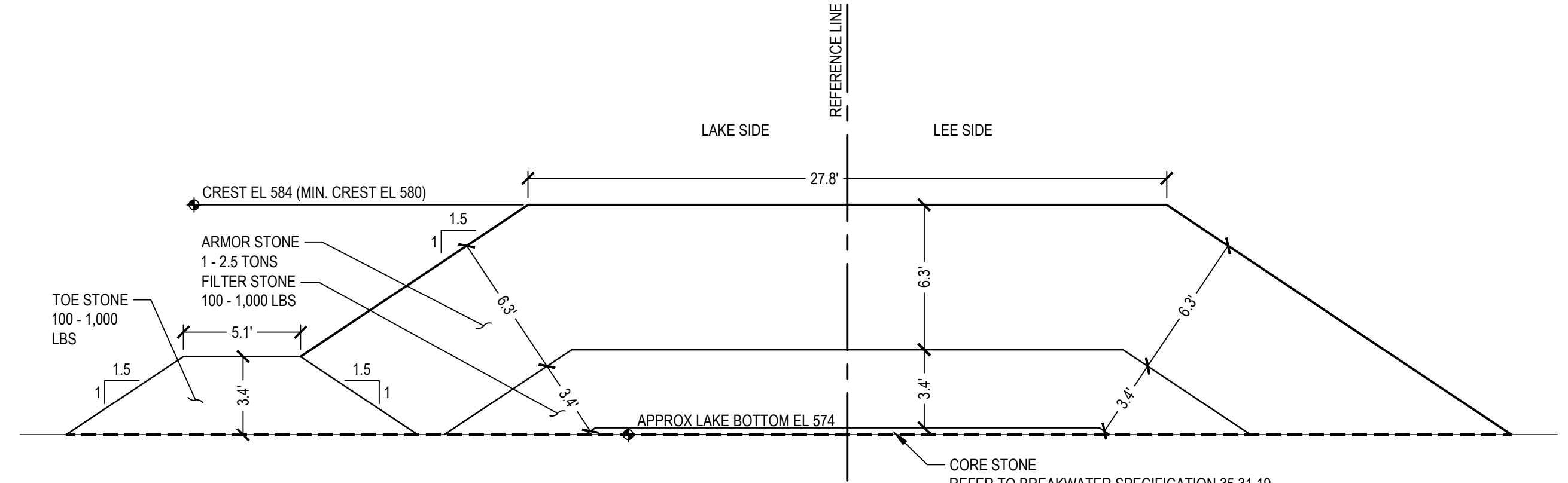
2 BW2.1 NORTH TRUNK (EXISTING BREAKWATER CONNECTION TO STA 2103+20) SECTION

SCALE: 1" = 5'



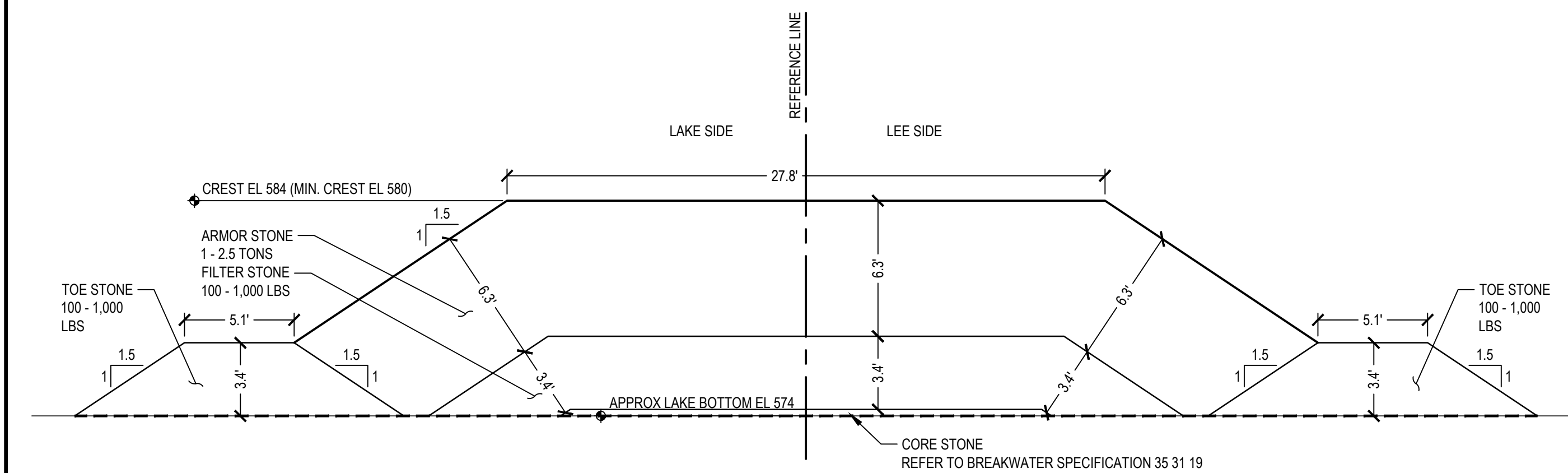
3 BW2.1 NORTH HEAD (STA 2103+20 TO 2103+50) SECTION

SCALE: 1" = 5'



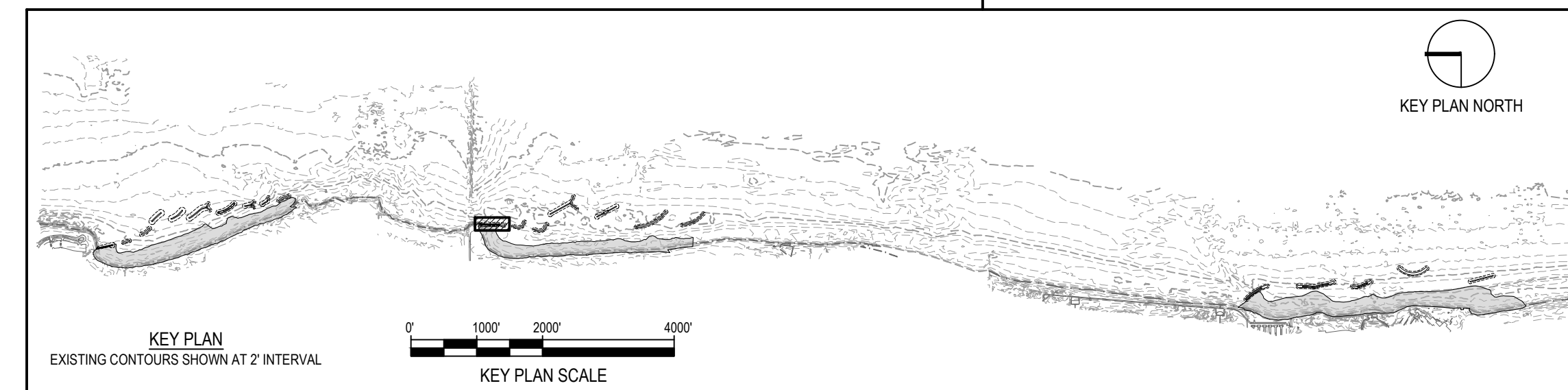
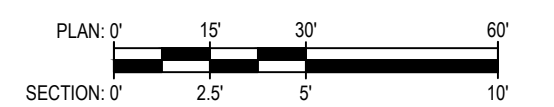
4 BW2.1 SOUTH TRUNK (STA 2103+50 TO 2104+00) SECTION

SCALE: 1" = 5'



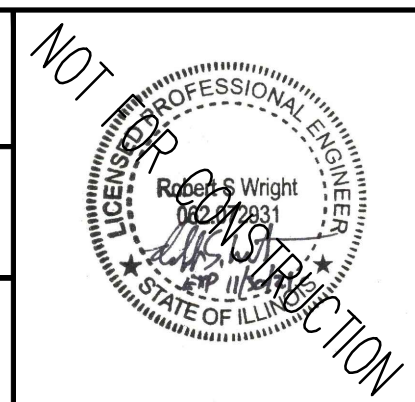
5 BW2.1 SOUTH TRUNK (STA 2104+00 TO END) SECTION

SCALE: 1" = 5'



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



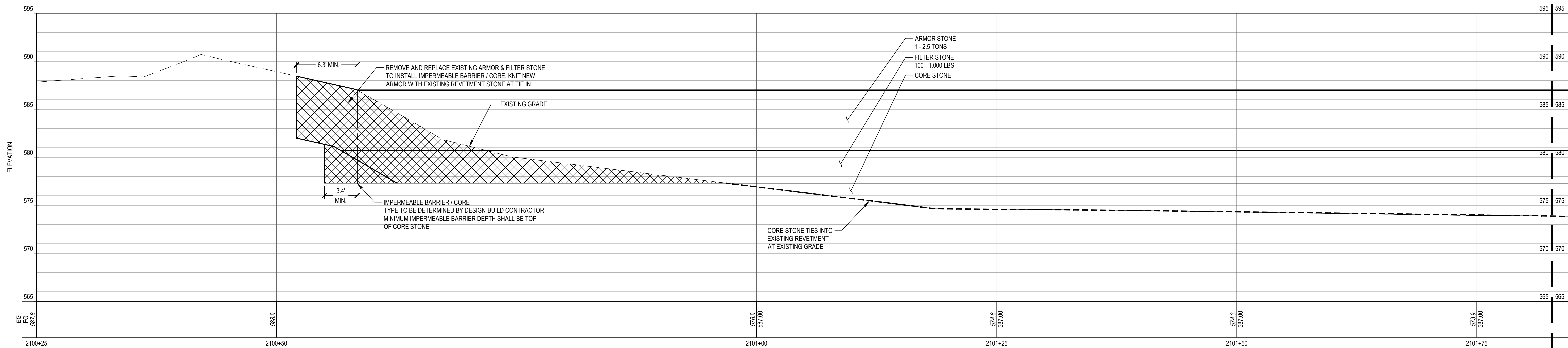
SMITHGROUP
 DESIGN FIRM REGISTRATION NUMBER 32114
 44 EAST MIFFLIN STREET
 SUITE 500
 MADISON, WI 53703
 608.251.1177
 www.smithgroup.com



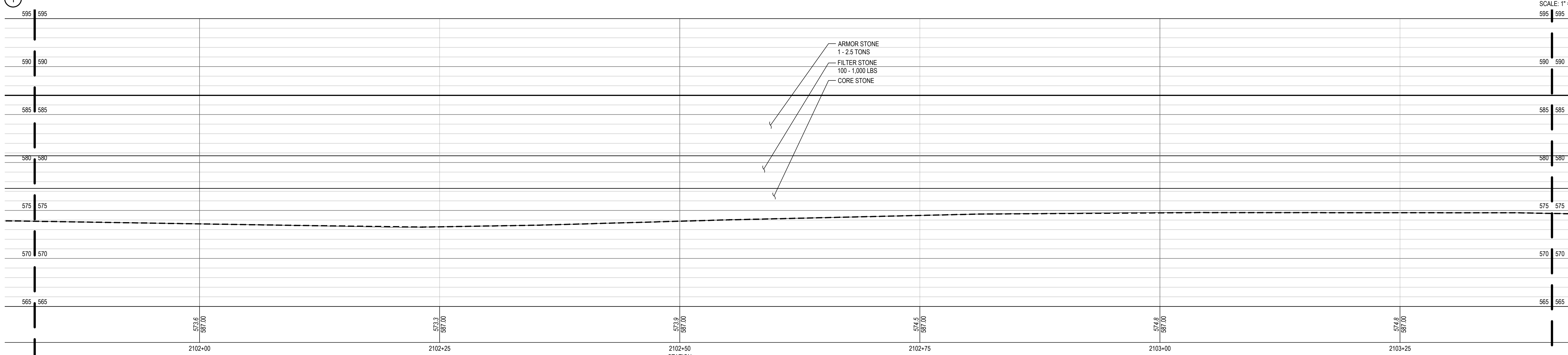
State of Illinois
JB PRITZKER, GOVERNOR
 Illinois Capital Development Board

PLAN & TYPICAL SECTIONS - BW2.1		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-201
		OF (124) SHEETS

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1 BW2.1 PROFILE



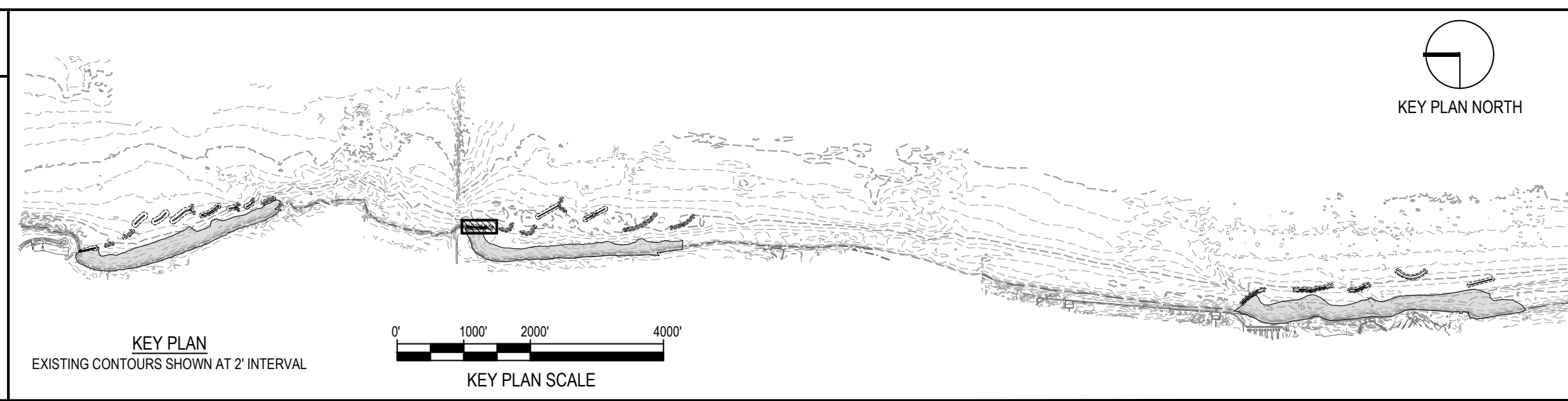
2 BW2.1 PROFILE



SHEET NOTES

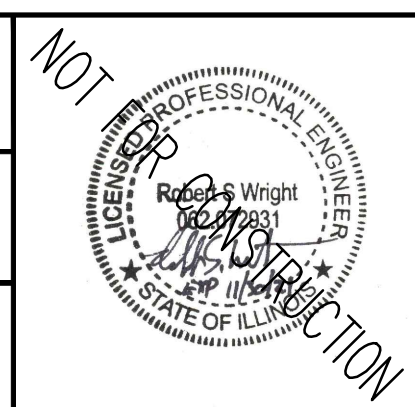
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



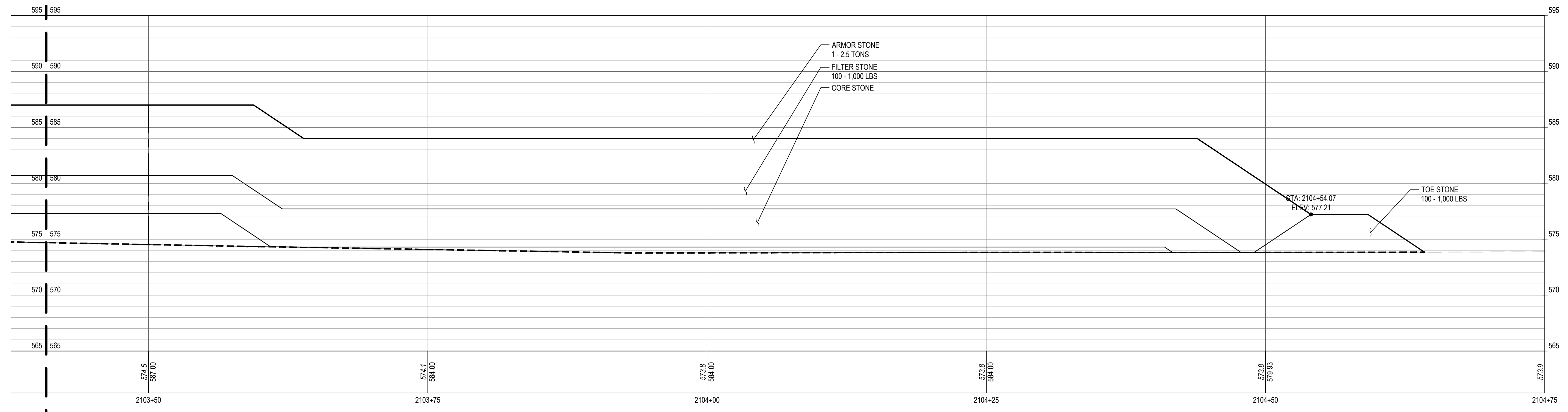
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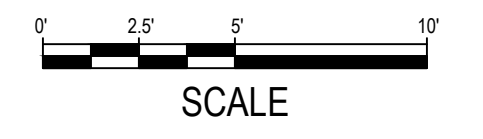
PROFILE - BW2.1
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-202**
 OF (124) SHEETS



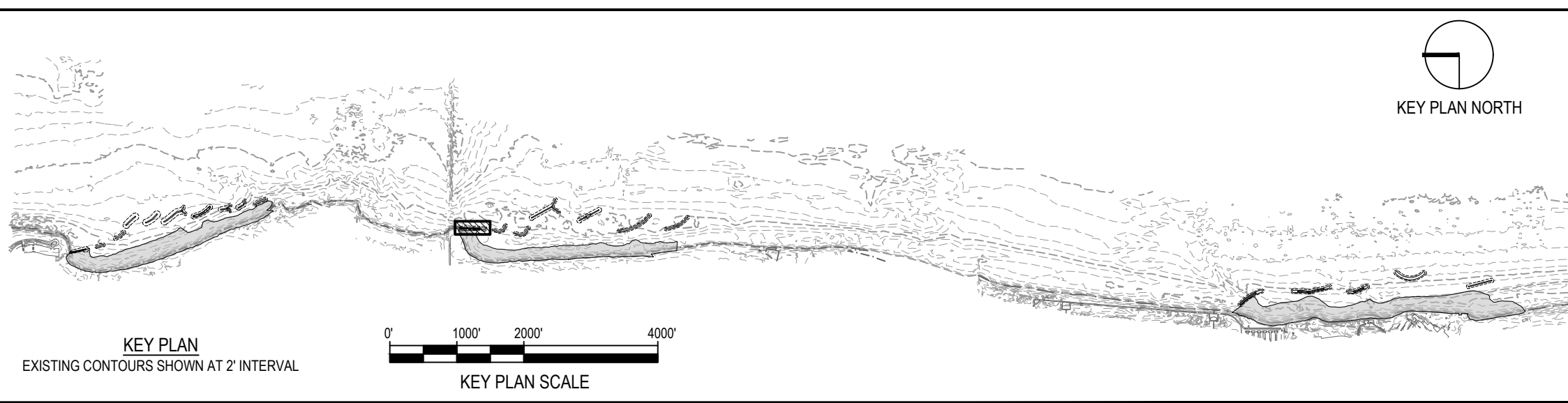
1 BW2.1 PROFILE

SCALE: 1" = 5'



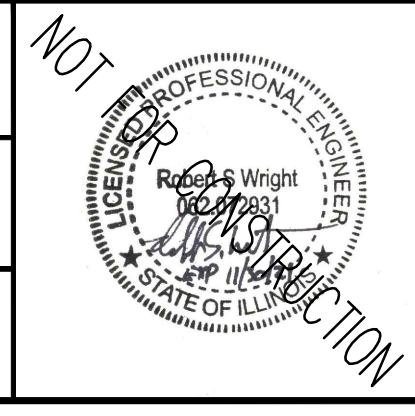
SHEET NOTES

LEGEND
--- PROFILE / SECTION - EXISTING GRADE
— PROFILE - FINISH GRADE AT CENTERLINE
— PROFILE - FINISH GRADE AT REFERENCE LINE
--- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
--- SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
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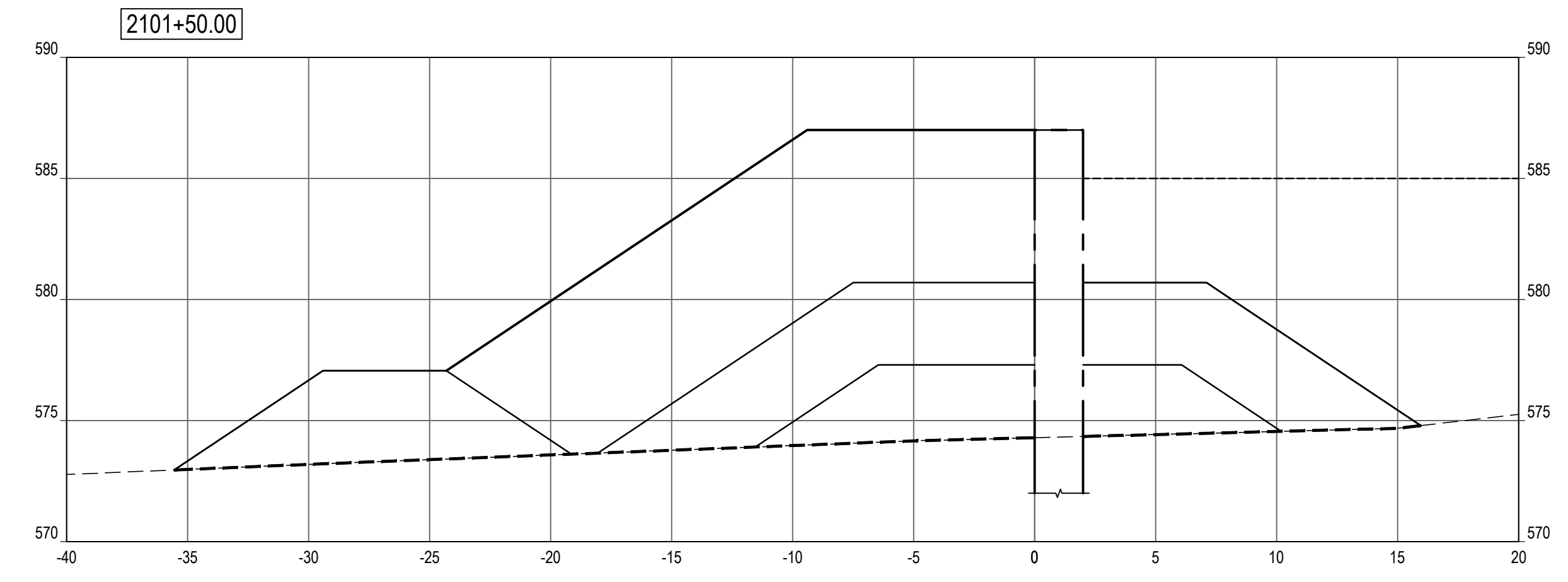
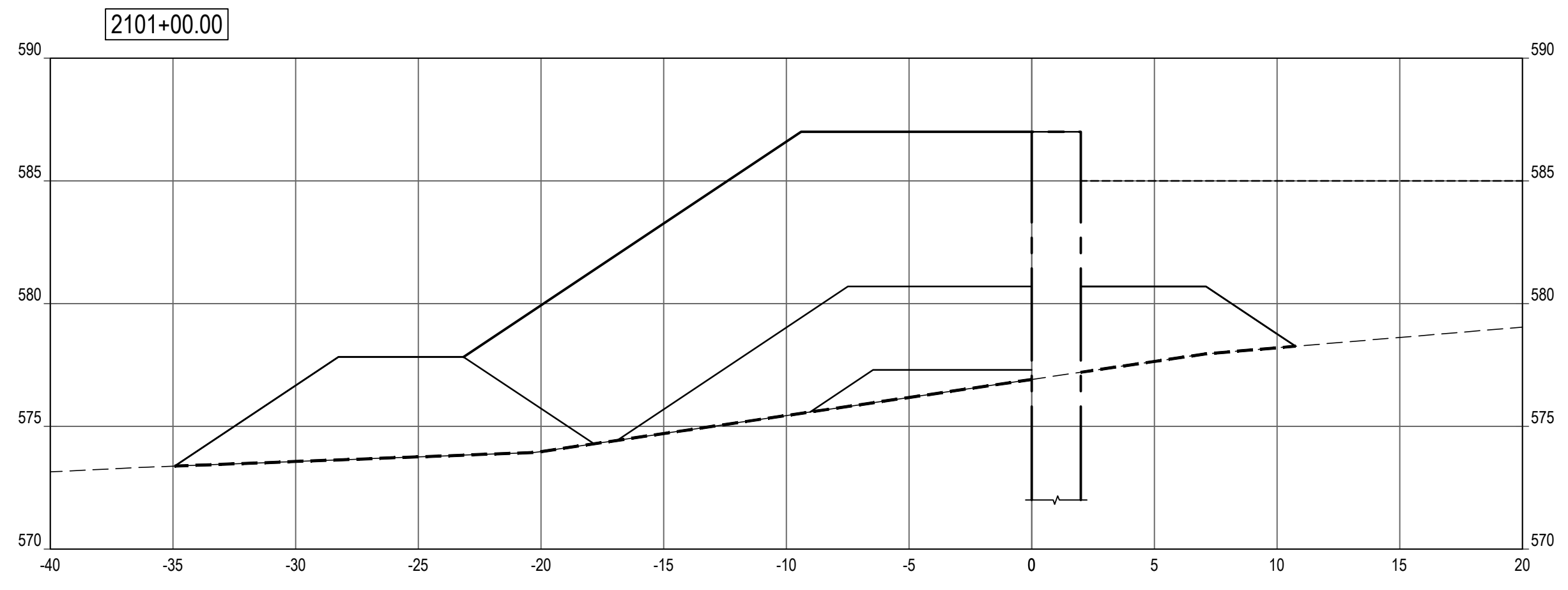
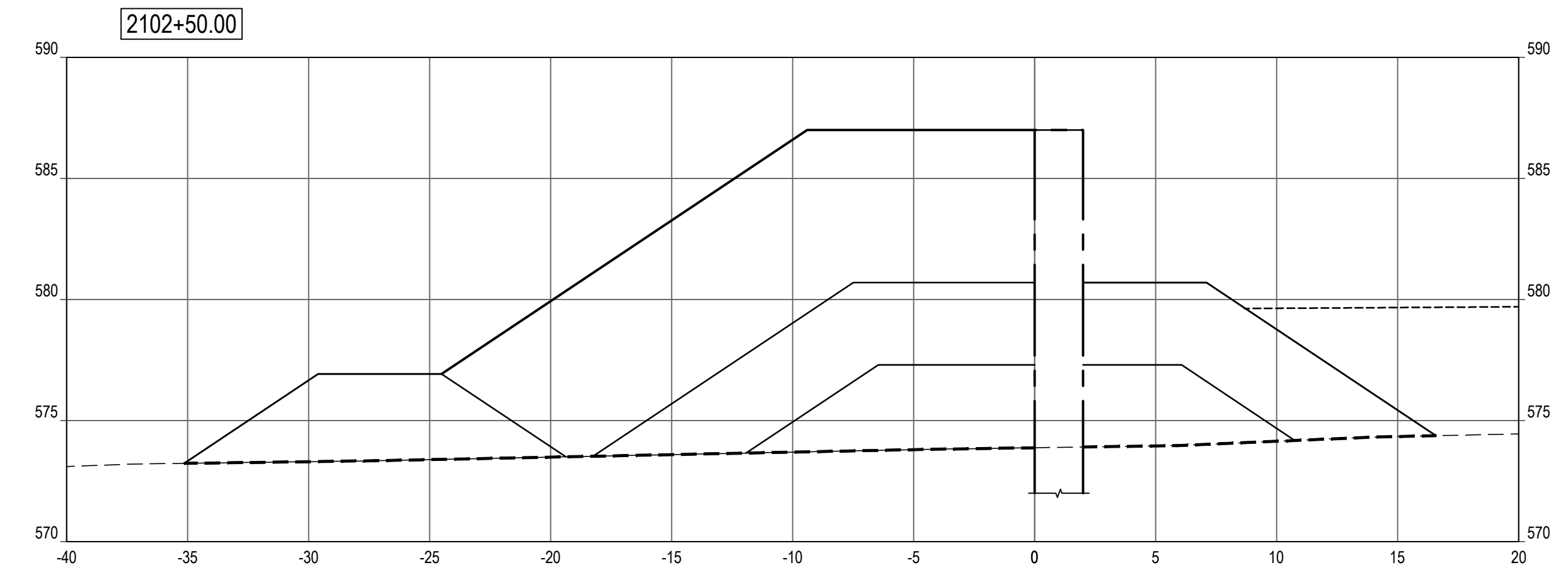
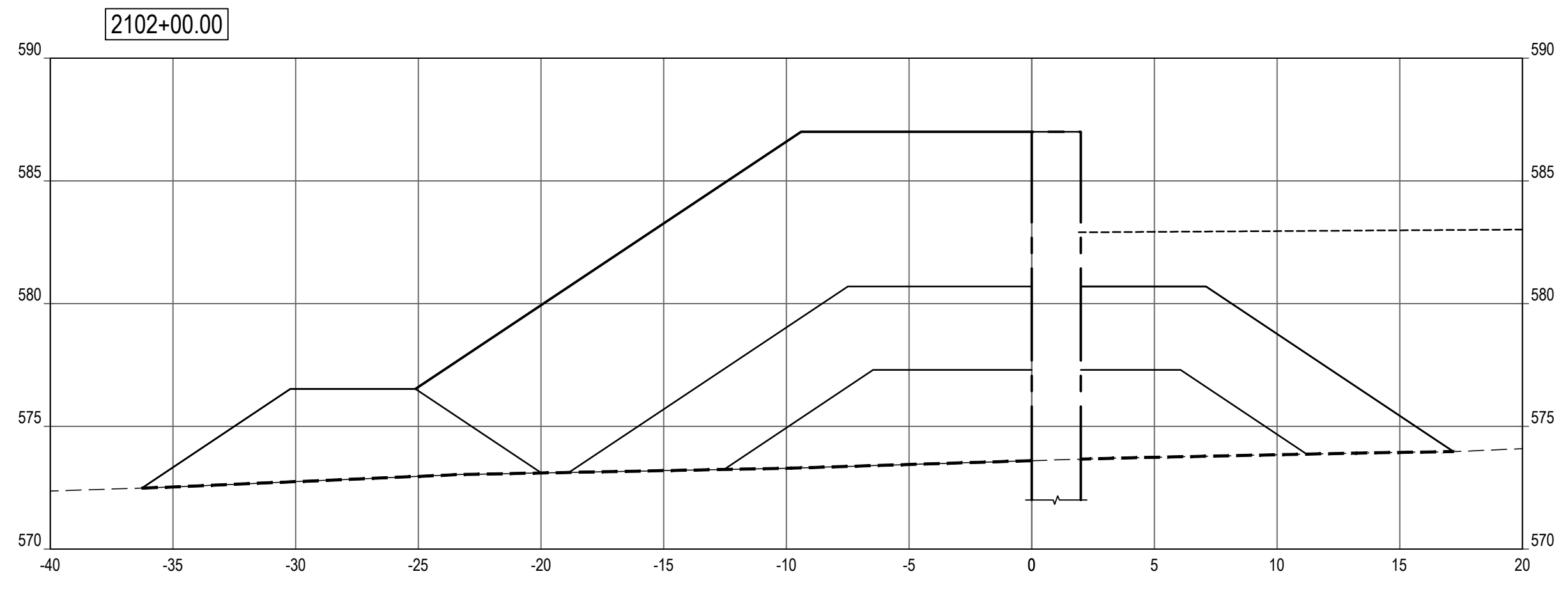
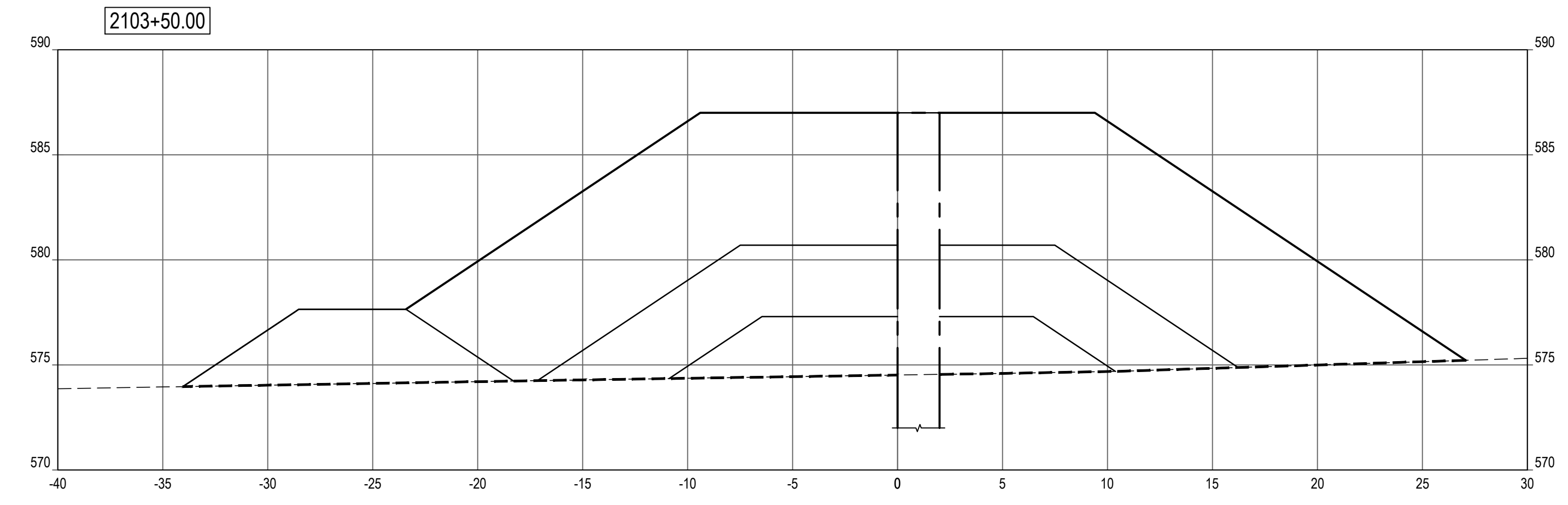
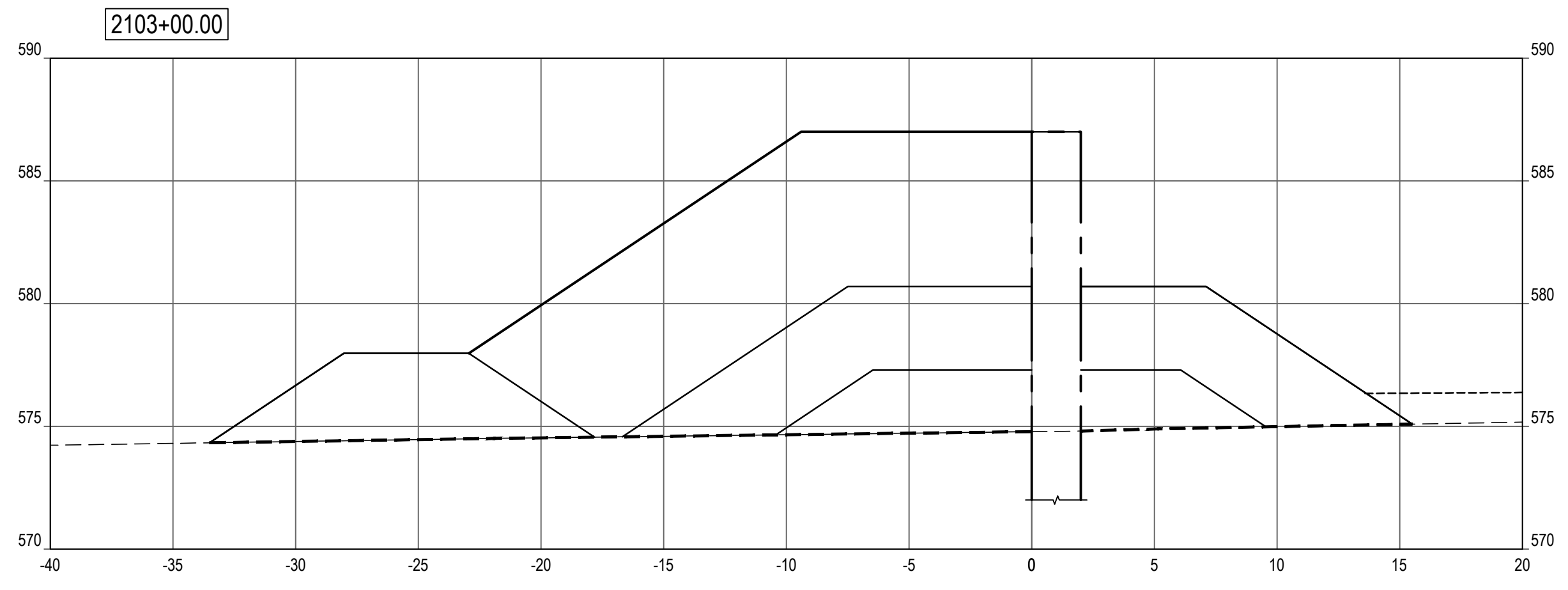
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PROFILE - BW2.1	PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS	DATE 02/26/2021
	SHEET NO. C-203
	OF (124) SHEETS

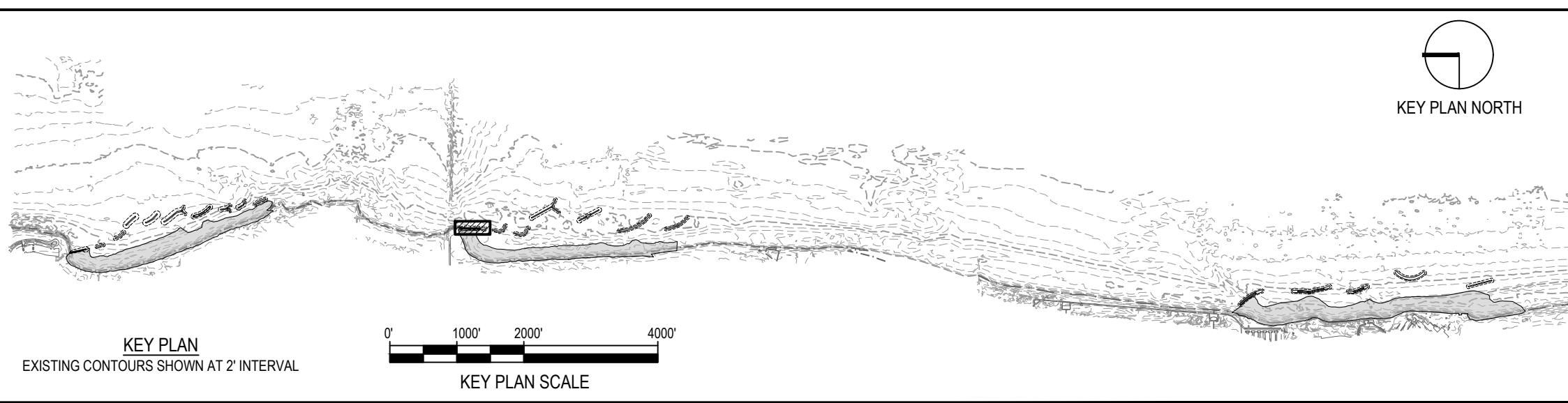
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SHEET NOTES

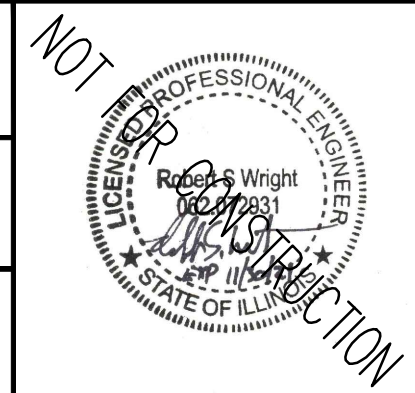
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- · · PROFILE - FINISH GRADE AT REFERENCE LINE
- - - - PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- - - - SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



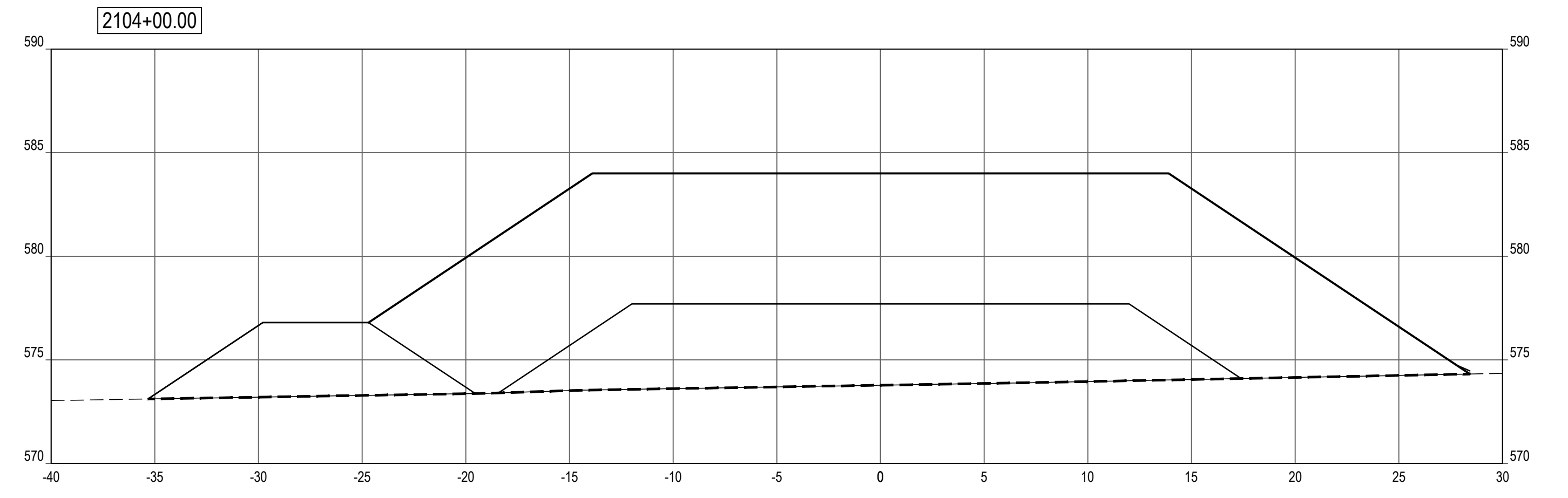
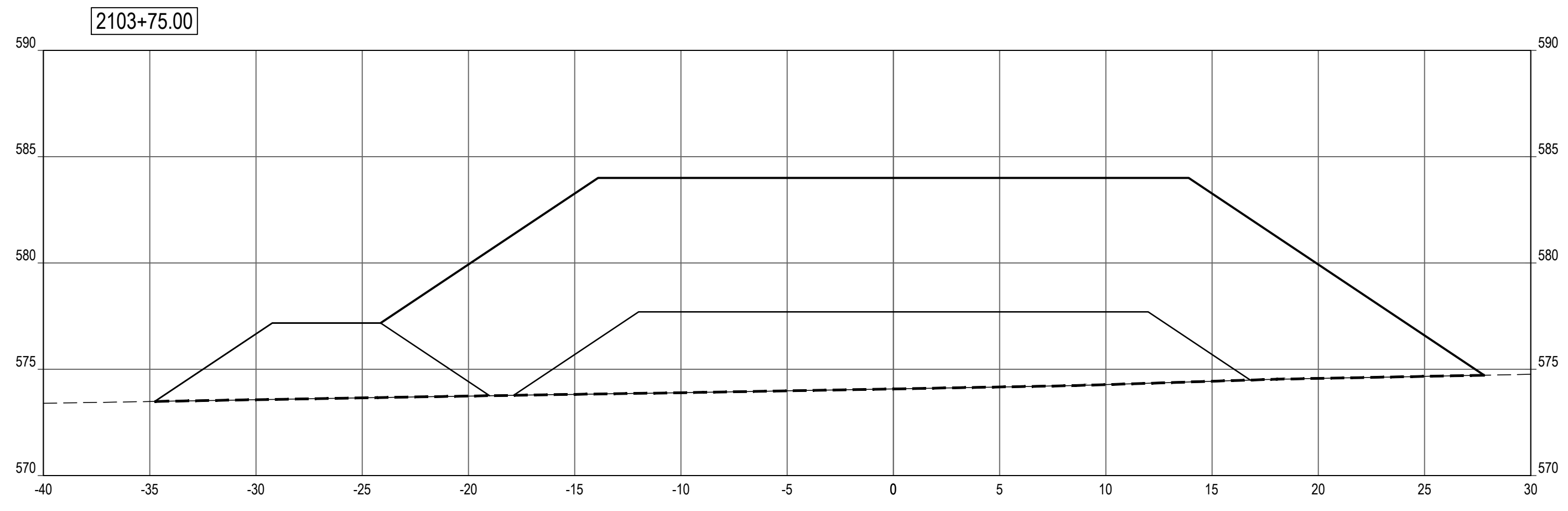
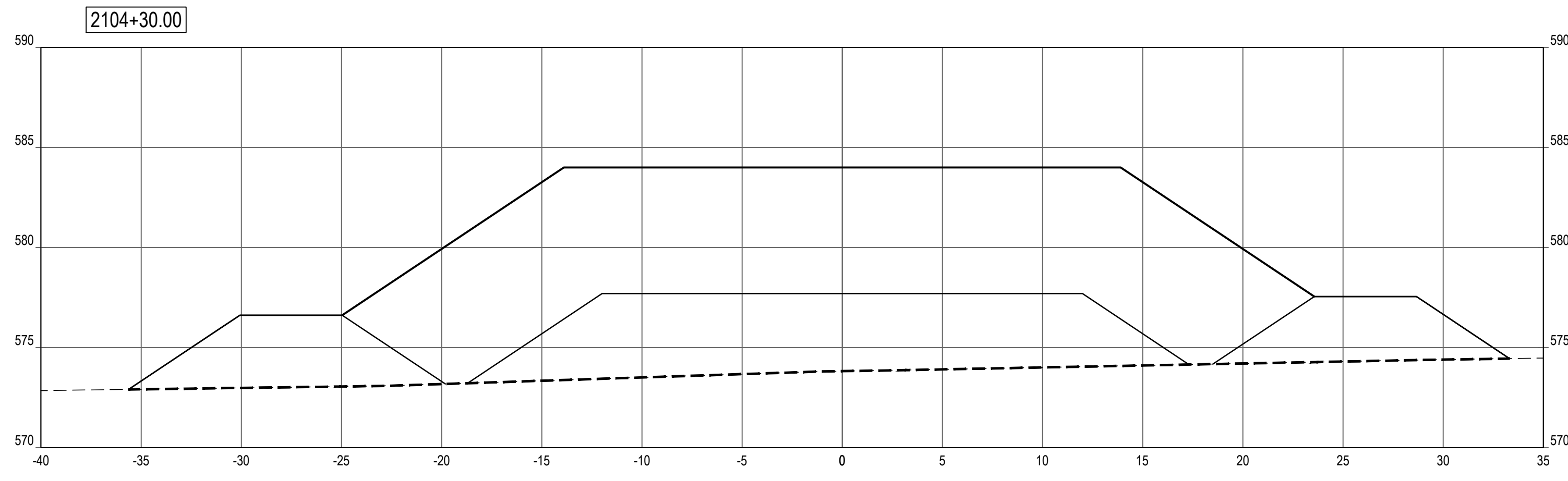
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SECTIONS - BW2.1 (STA 2101+00 TO 2103+50)		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-204
		OF (124) SHEETS

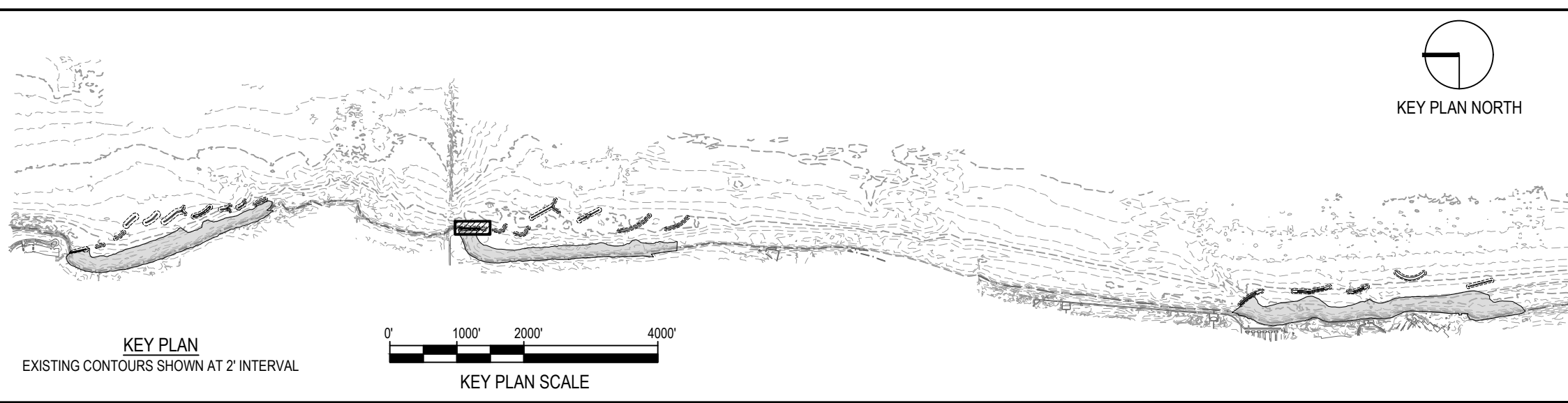
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SHEET NOTES

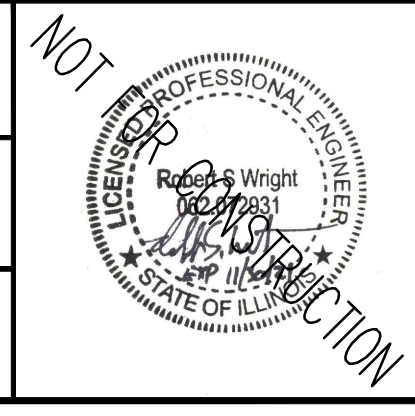
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- · · PROFILE - FINISH GRADE AT REFERENCE LINE
- · - · PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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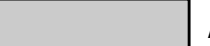
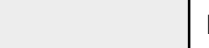
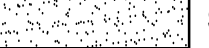



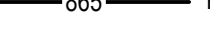
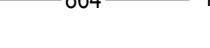
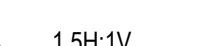


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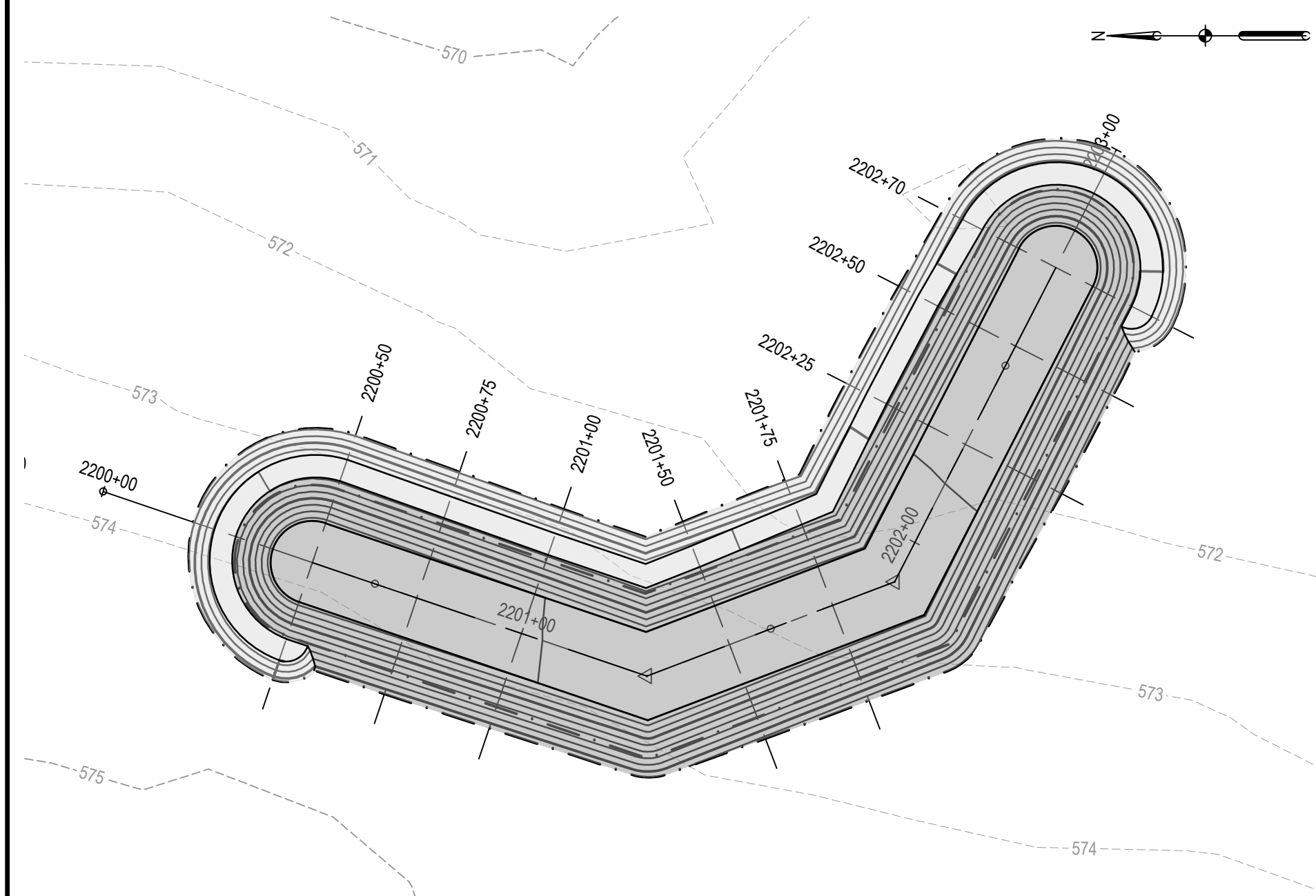
SECTIONS - BW2.1 (STA 2103+75 TO 2104+30)		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-205
		OF (124) SHEETS

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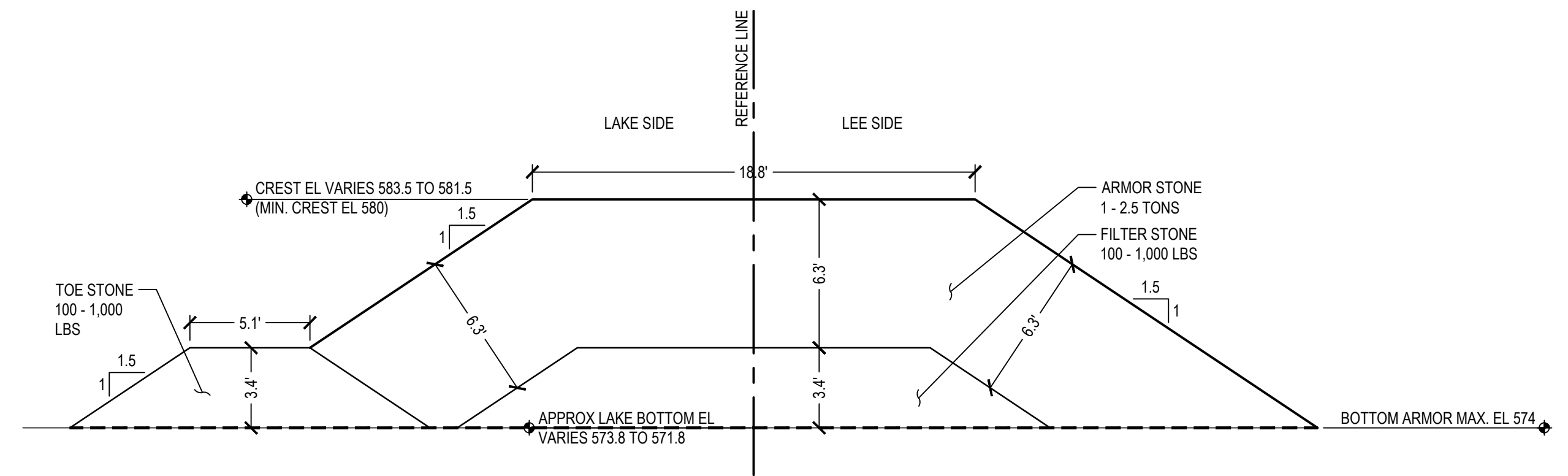
LEGEND

-  ARMOR STONE
-  FILTER STONE / TOE STONE
-  SAND BEACH
-  NAVIGATION AID
-  - - - 865 - - - EXISTING MAJOR CONTOUR
-  - - - 864 - - - EXISTING MINOR CONTOUR
-  ——— 865 ——— PROPOSED MAJOR CONTOUR
-  ——— 864 ——— PROPOSED MINOR CONTOUR
-  GRADING LIMITS
-  1.5H:1V COASTAL STRUCTURE SIDE SLOPE
-  - - - - - SECTION - COMPOSITE GEOTEXTILE GEOGRID



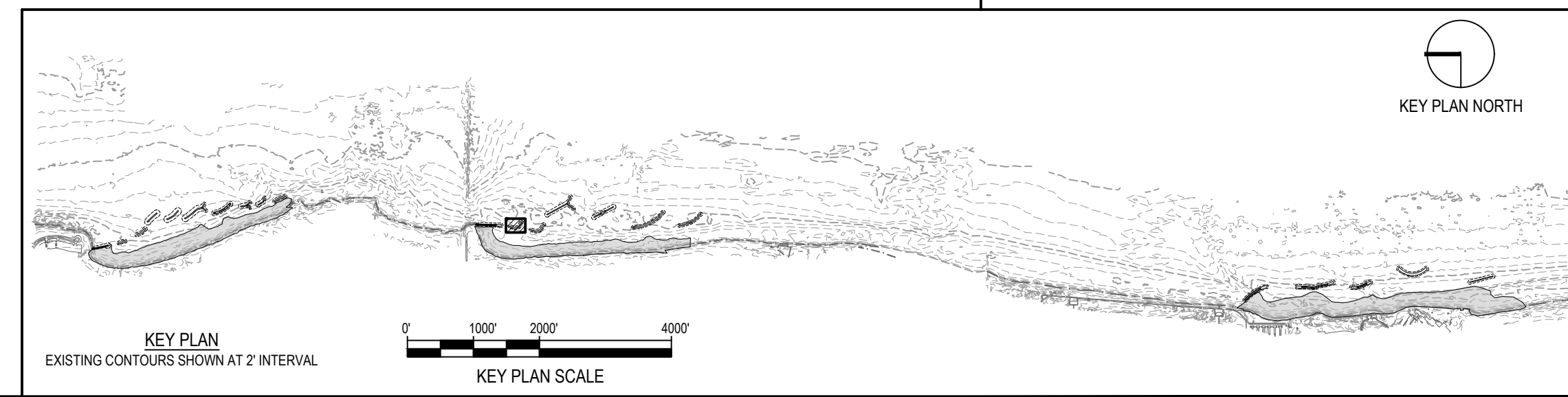
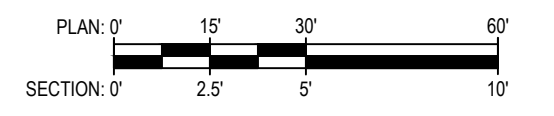
1 BW2.2 LAYOUT & GRADING
PLAN

SCALE: 1" = 30'



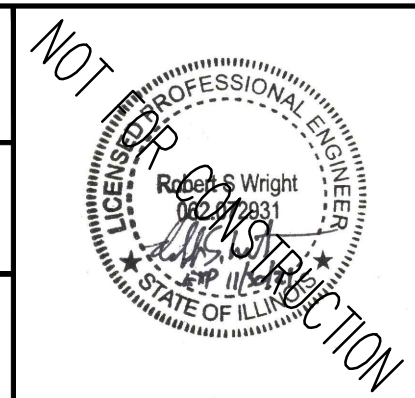
2 BW2.2 TRUNK
SECTION

SCALE: 1" = 5'

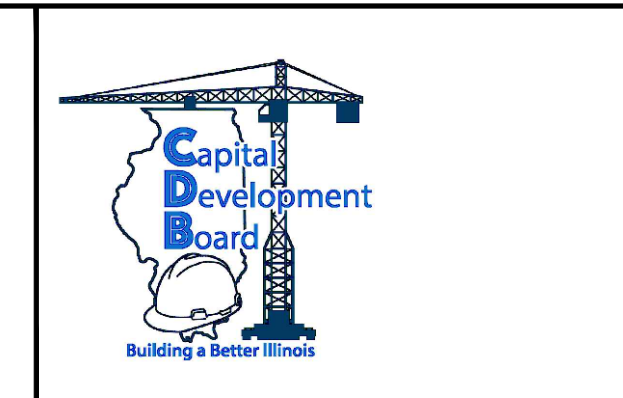


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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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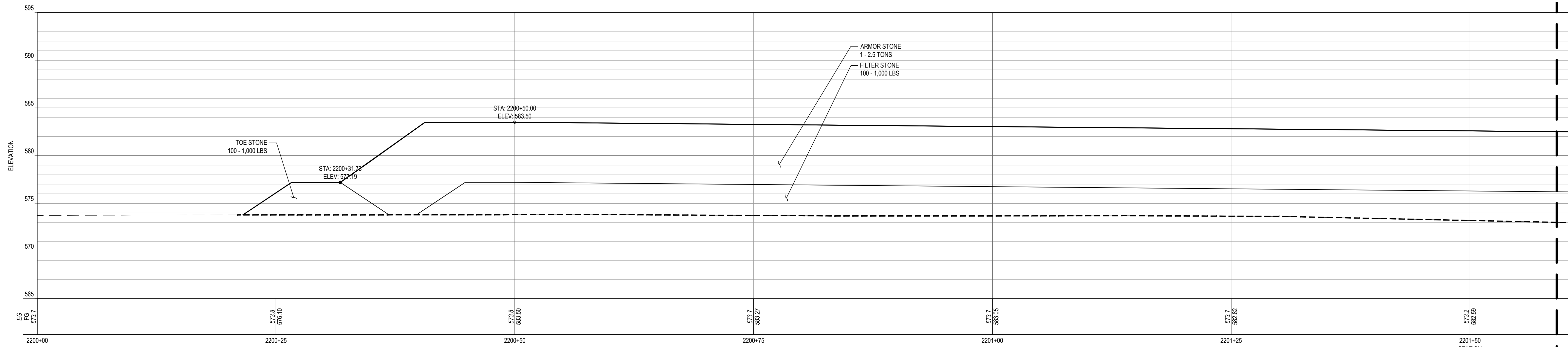


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PLAN & TYPICAL SECTIONS - BW2.2
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

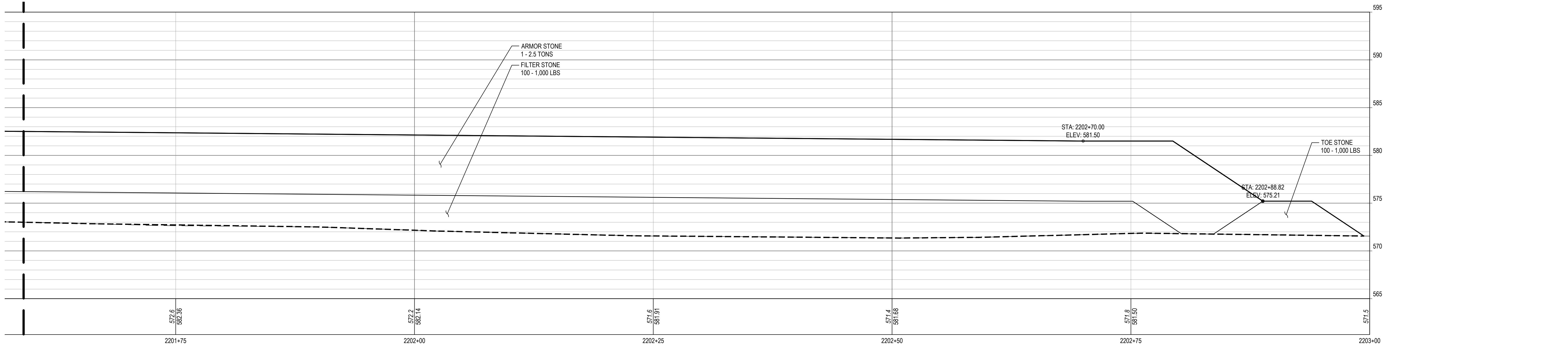
PROJECT NO.
102-311-099
 DATE
02/26/2021
 SHEET NO.
C-206
 OF (124) SHEETS

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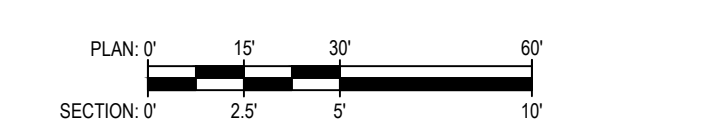
1 BW2.2 PROFILE

SCALE: 1" = 5'



2 BW2.2 PROFILE

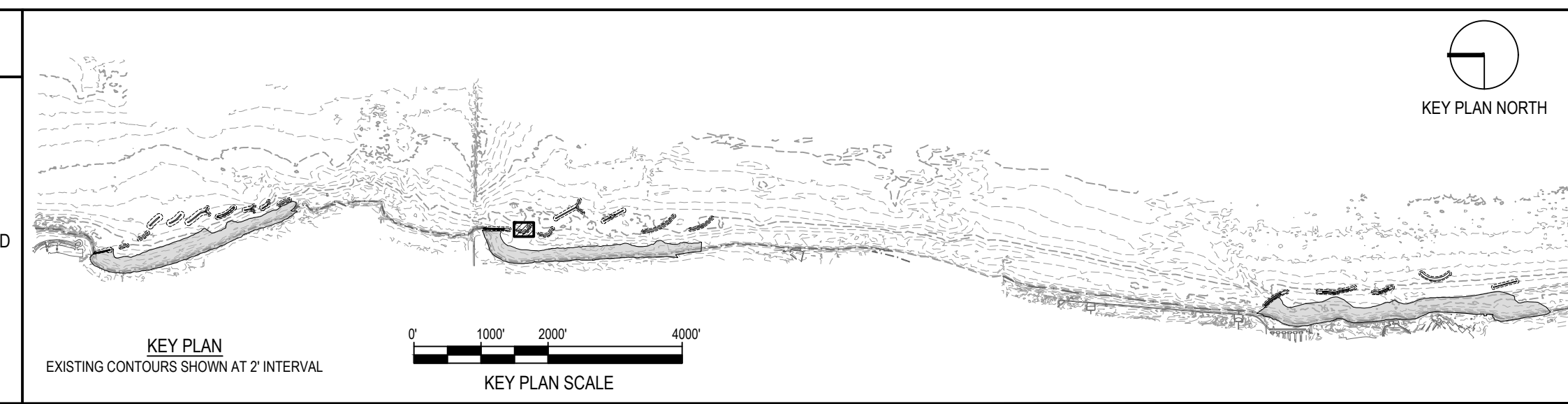
SCALE: 1" = 5'



SHEET NOTES

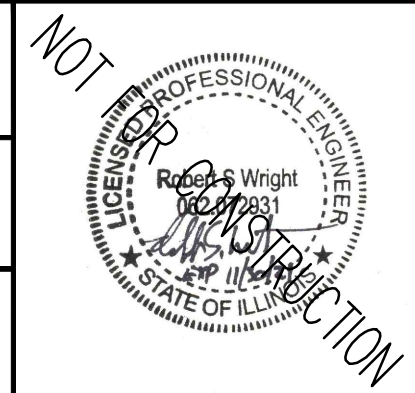
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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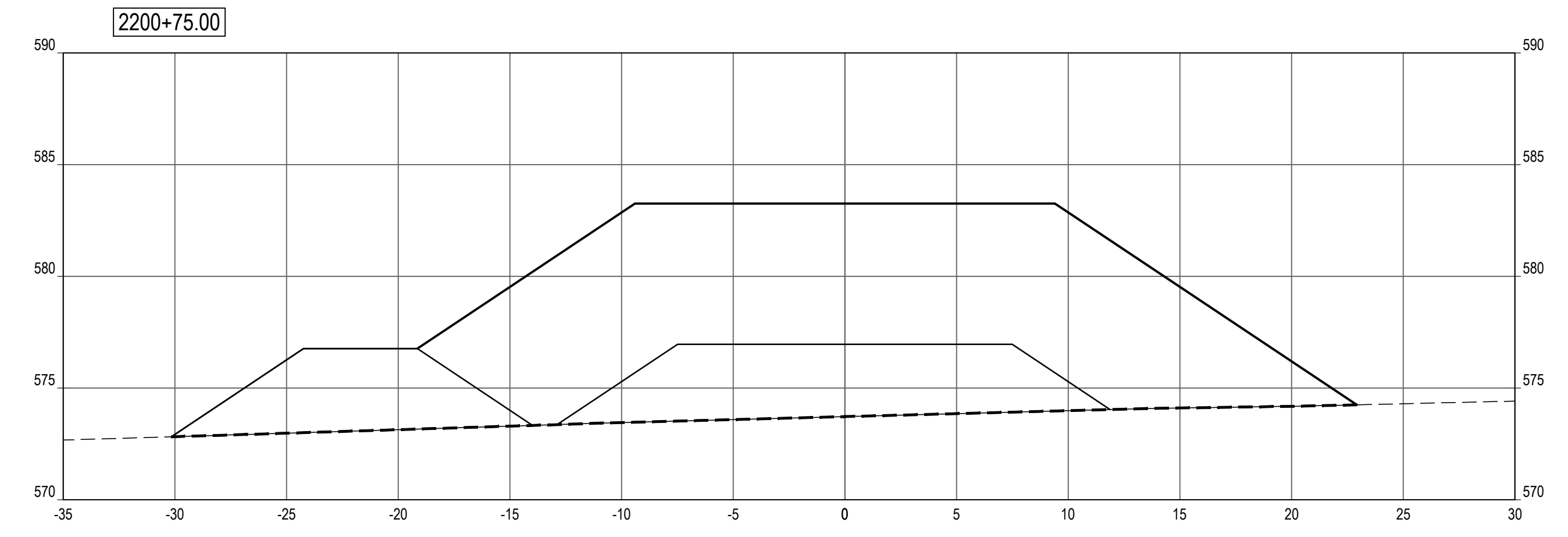
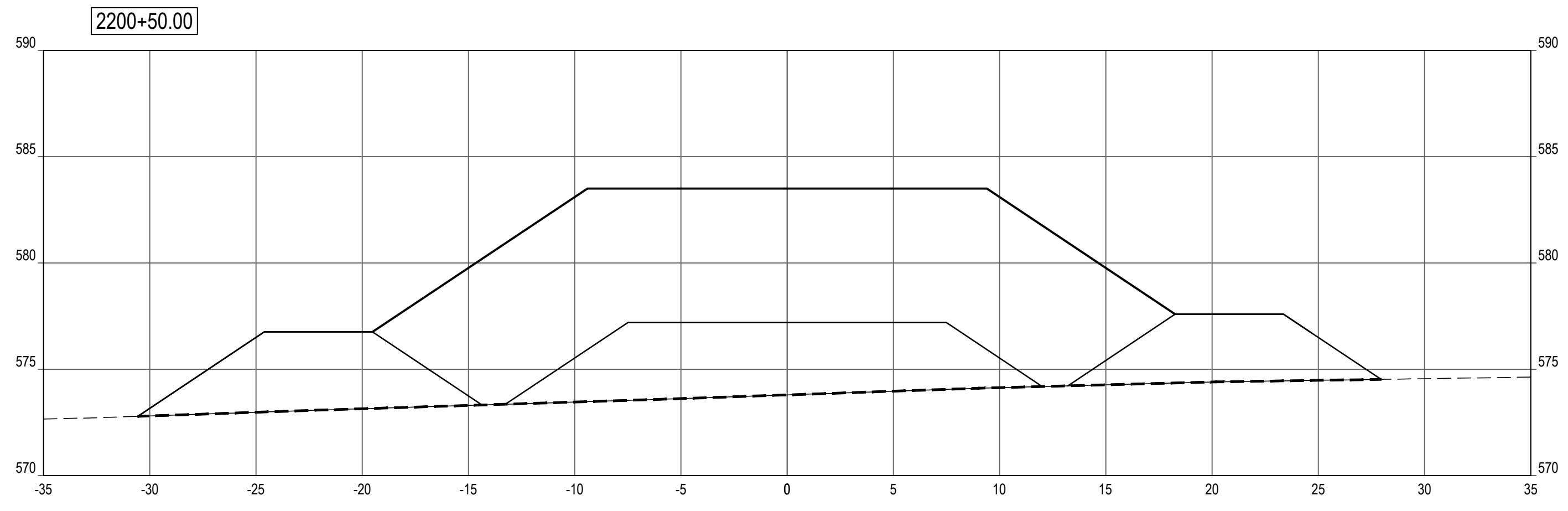
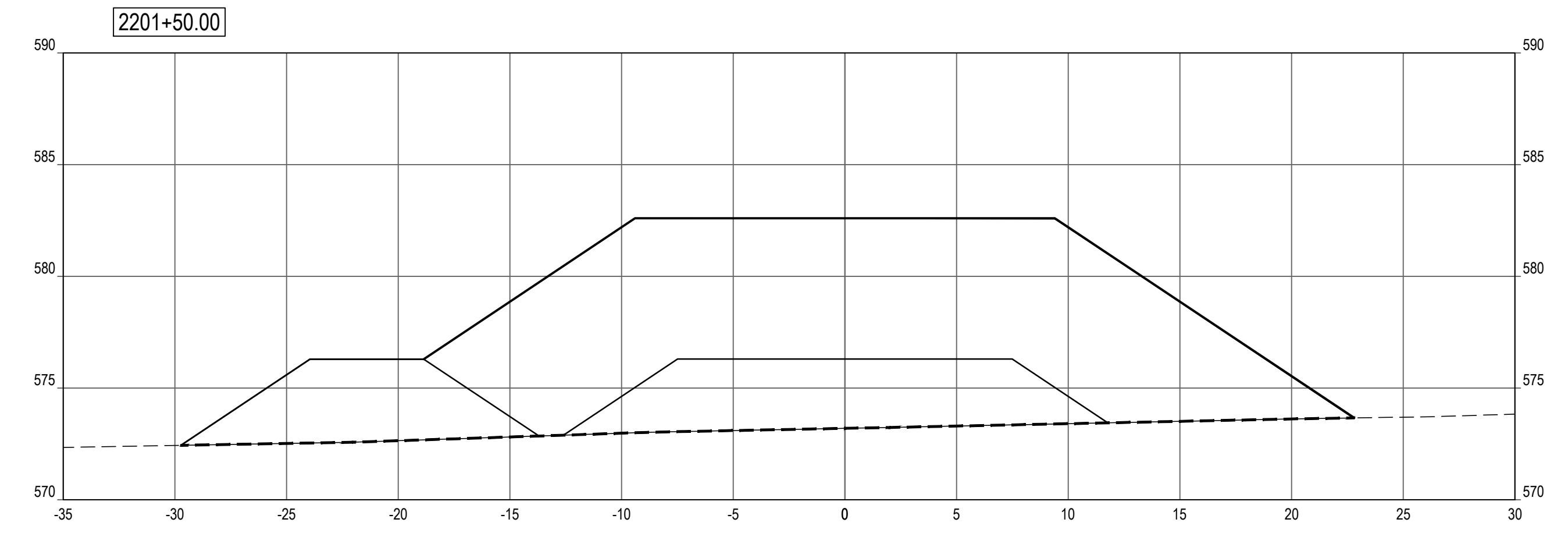
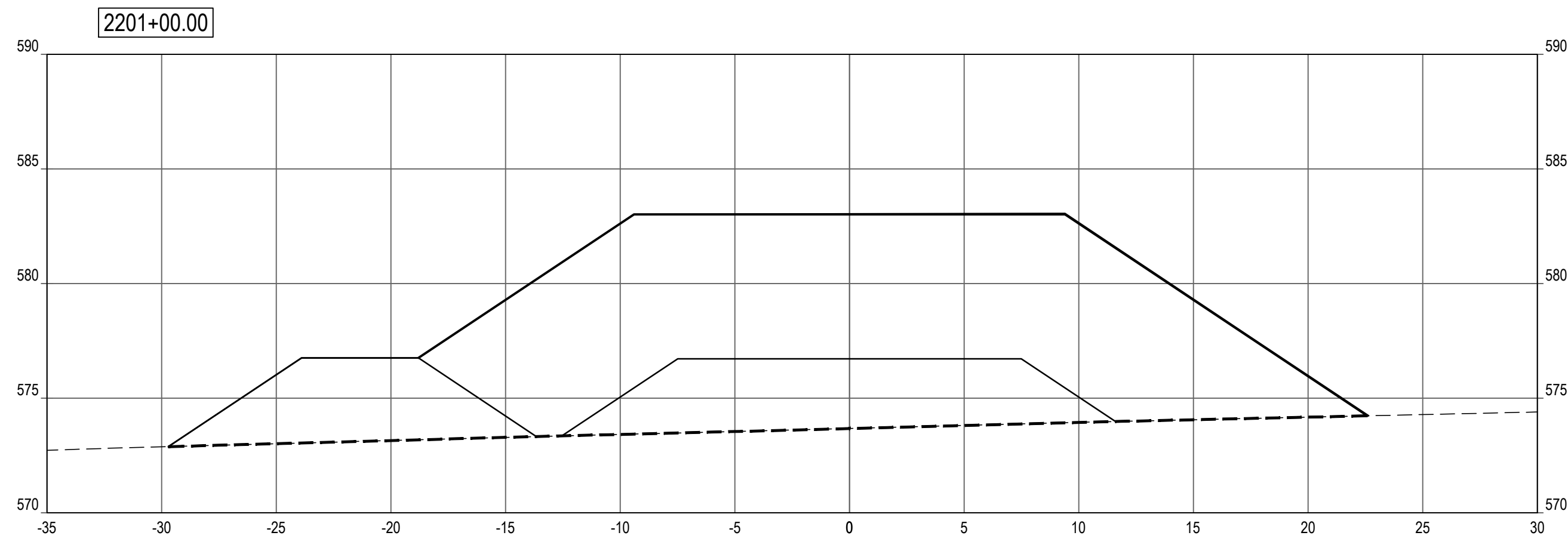
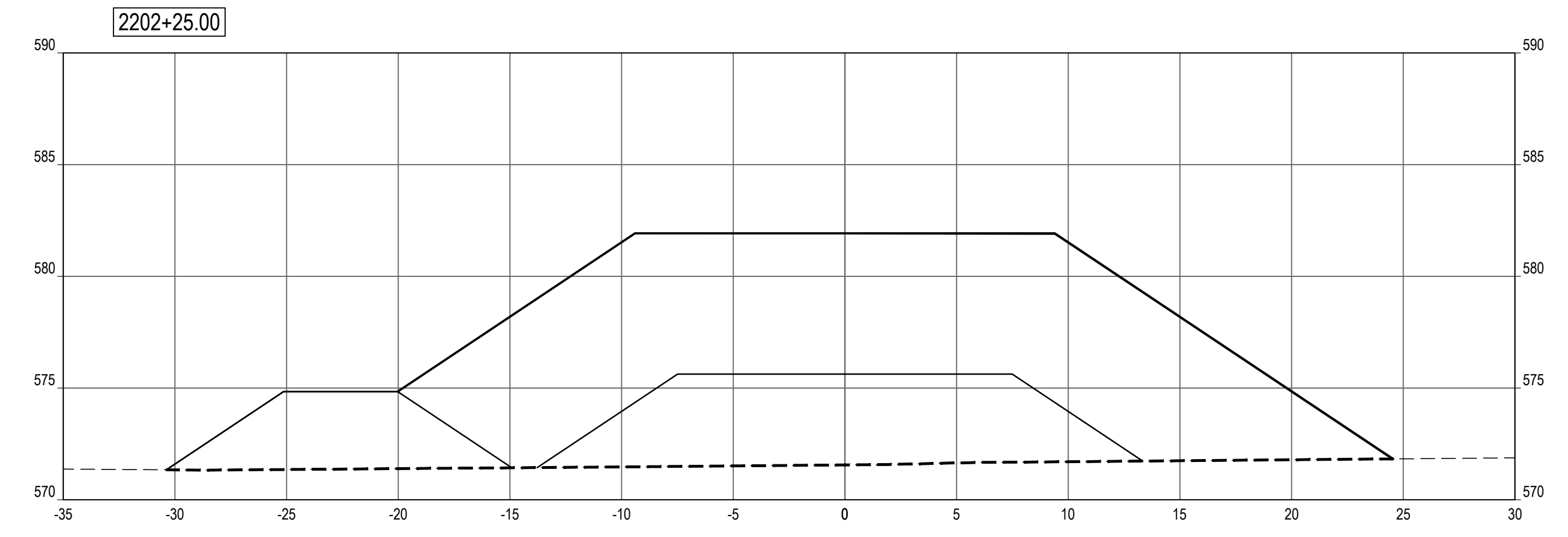
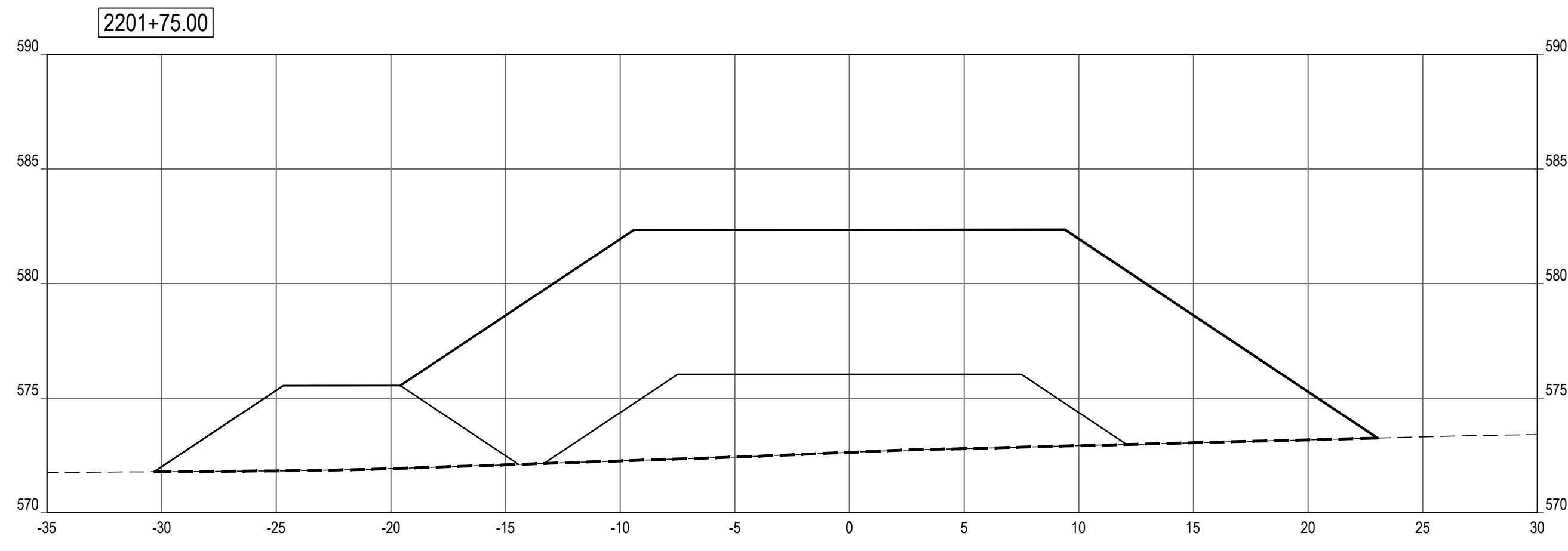


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PROFILE - BW2.2
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-207**
 OF (124) SHEETS

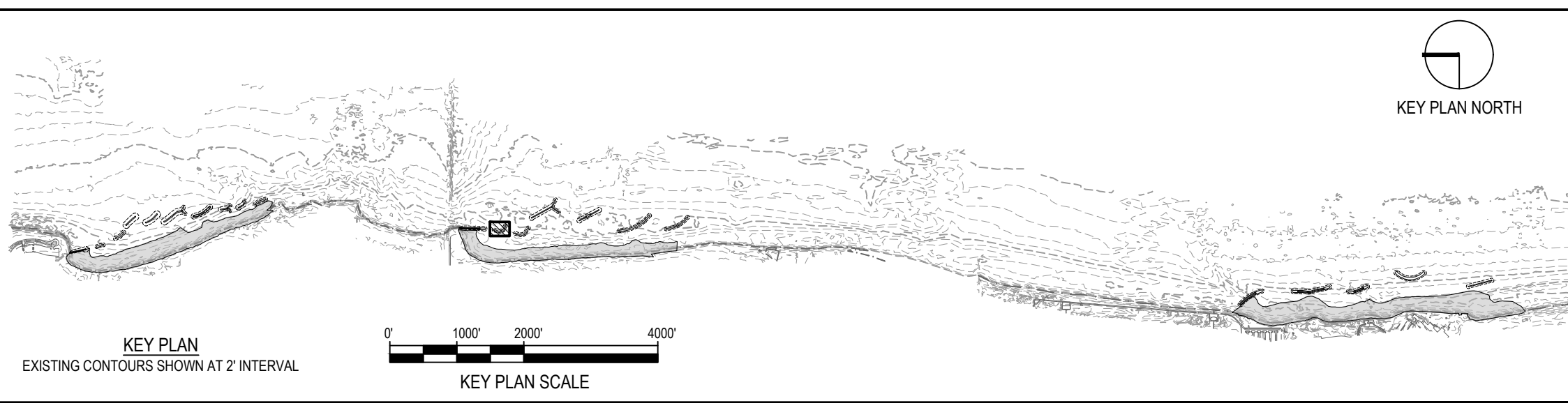
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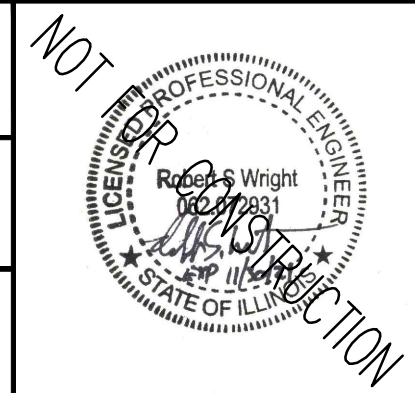
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- - - - PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- - - - SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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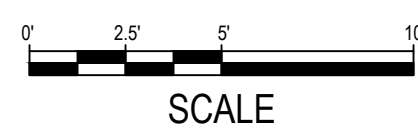
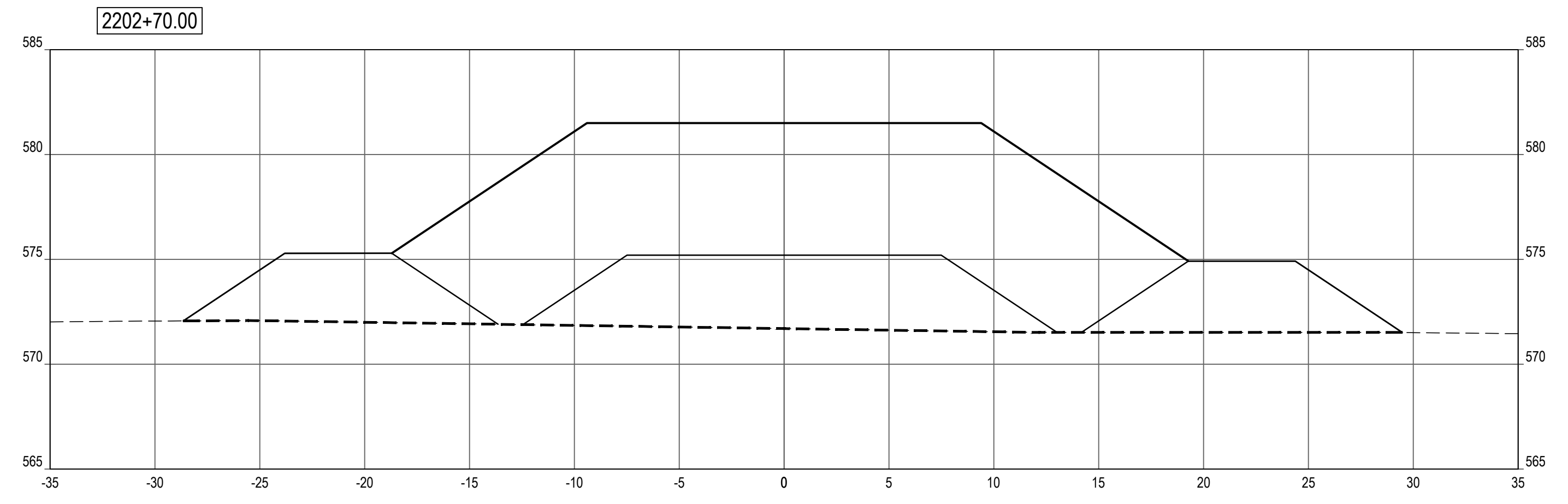
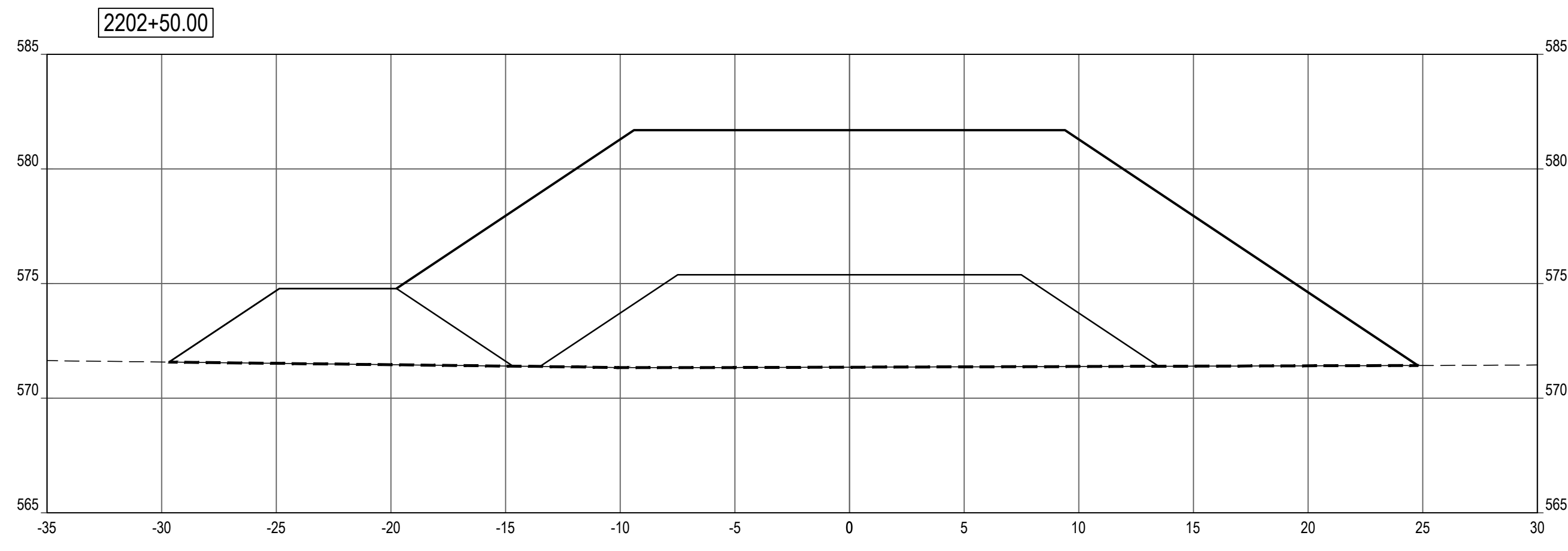
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 Illinois Capital Development Board

SECTIONS - BW2.2 (STA 2200+50 TO 2202+25)
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-208**
 OF (124) SHEETS

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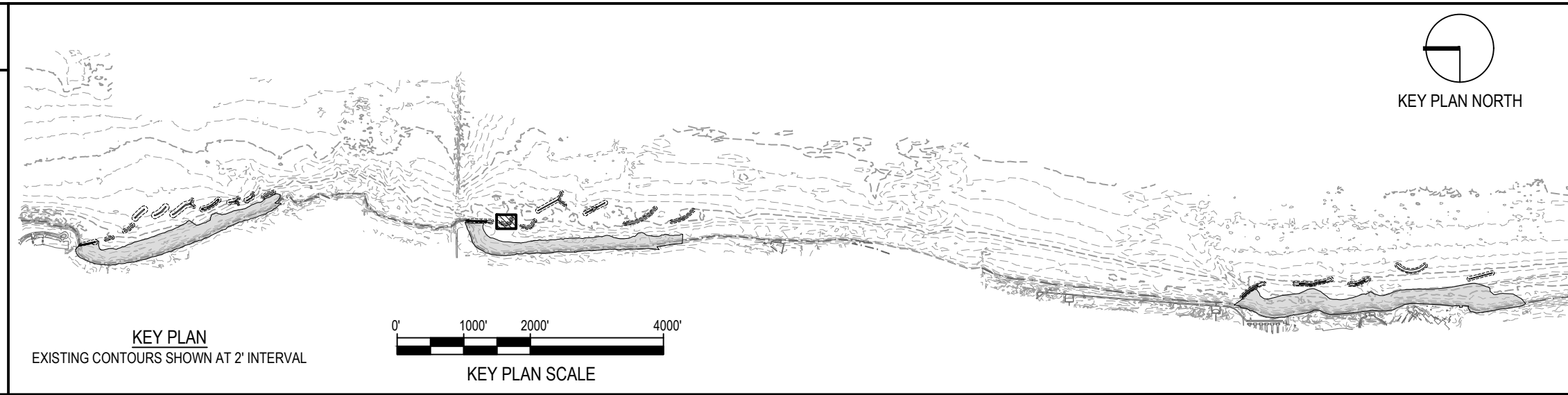
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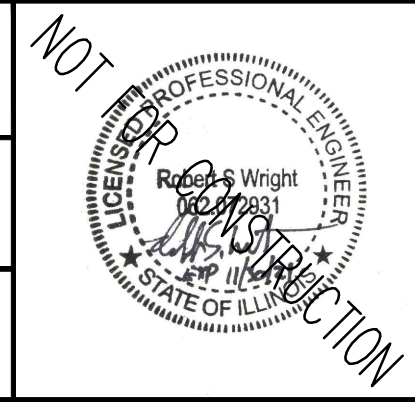
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
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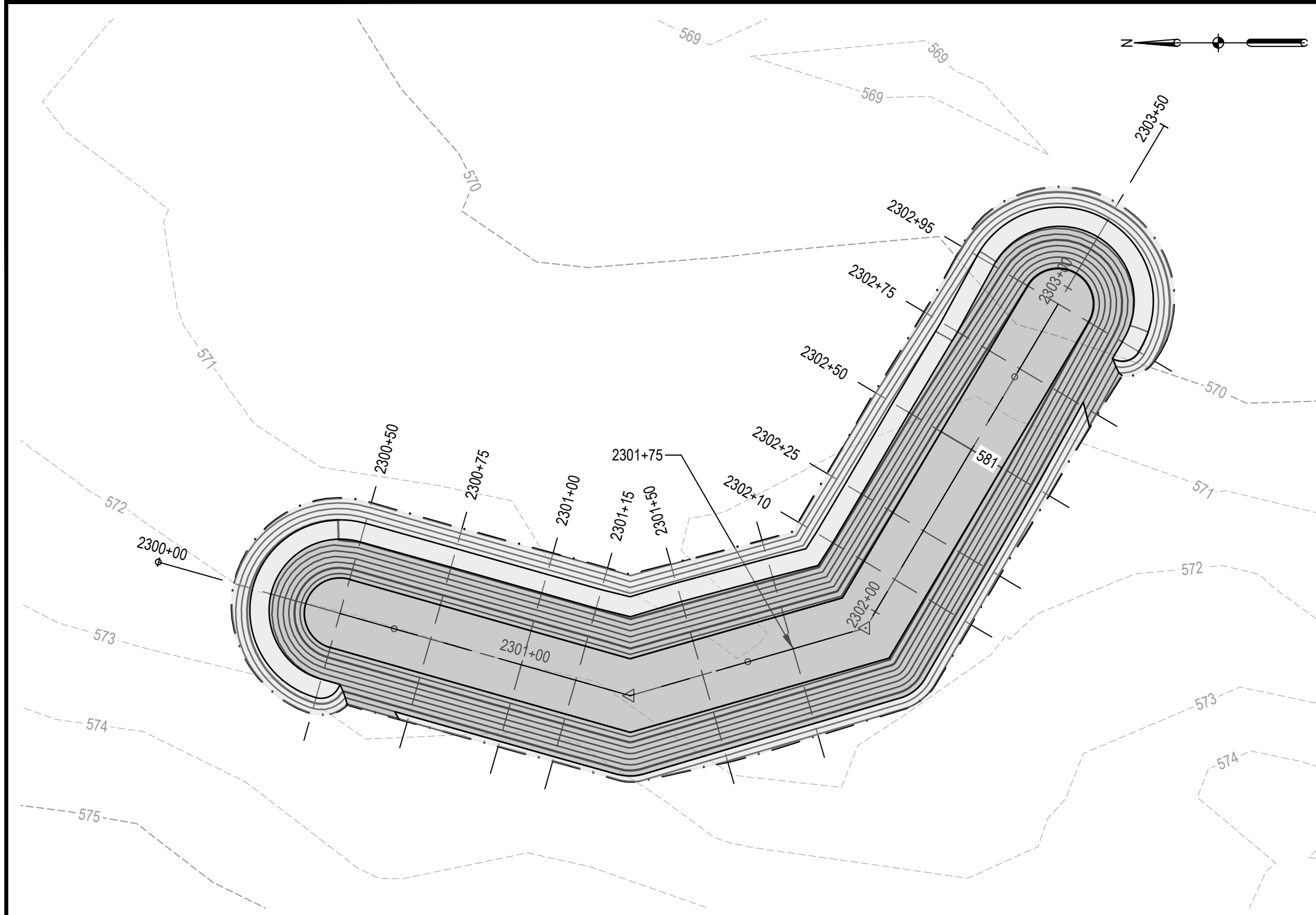
SECTIONS - BW2.2 (STA 2202+50 TO 2202+70)
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-209**
 OF (124) SHEETS

SHEET NOTES

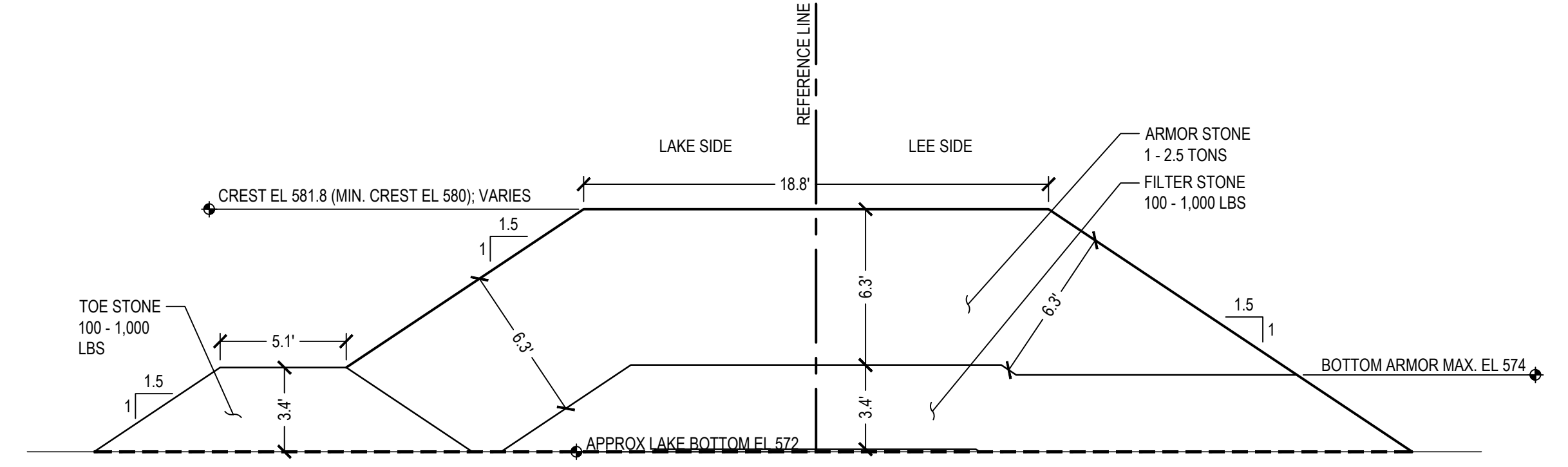
LEGEND

- ARMOR STONE
- FILTER STONE / TOE STONE
- SAND BEACH
- NAVIGATION AID
- 865--- EXISTING MAJOR CONTOUR
- 864--- EXISTING MINOR CONTOUR
- 865--- PROPOSED MAJOR CONTOUR
- 864--- PROPOSED MINOR CONTOUR
- GRADING LIMITS
- 1.5H:1V COASTAL STRUCTURE SIDE SLOPE
- SECTION - COMPOSITE GEOTEXTILE GEOGRID



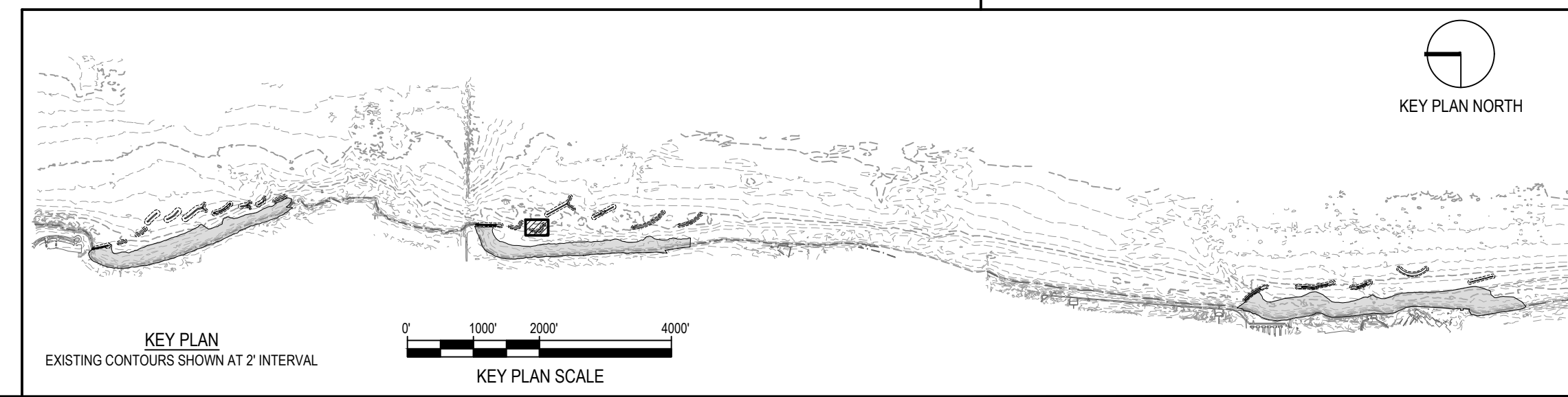
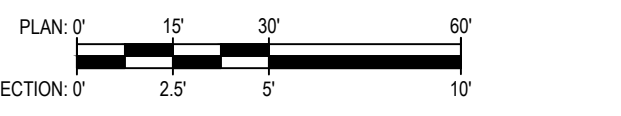
1 BW2.3 LAYOUT & GRADING
PLAN

SCALE: 1" = 30'



2 BW2.3 TRUNK
SECTION

SCALE: 1" = 5'

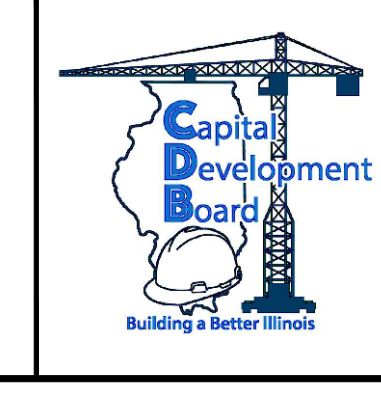


NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED

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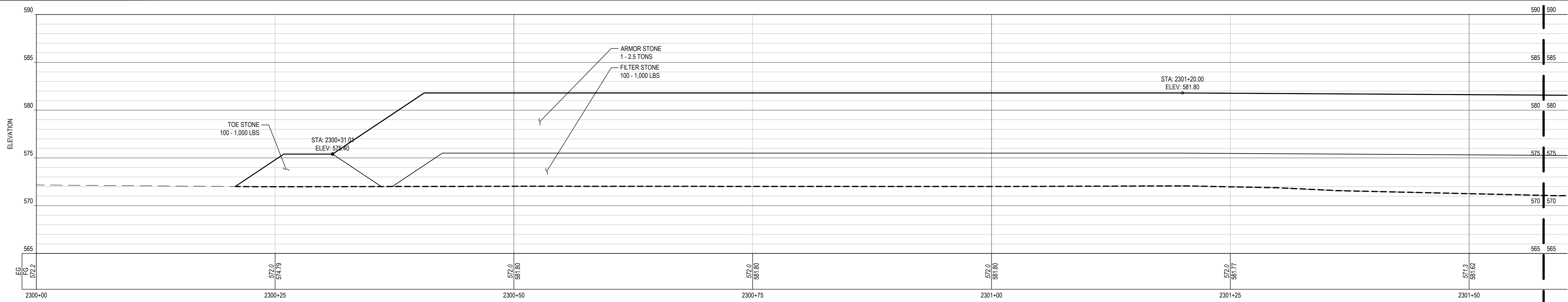
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44 EAST MIFFLIN STREET
SUITE 500
MADISON, WI 53703
608.251.1177
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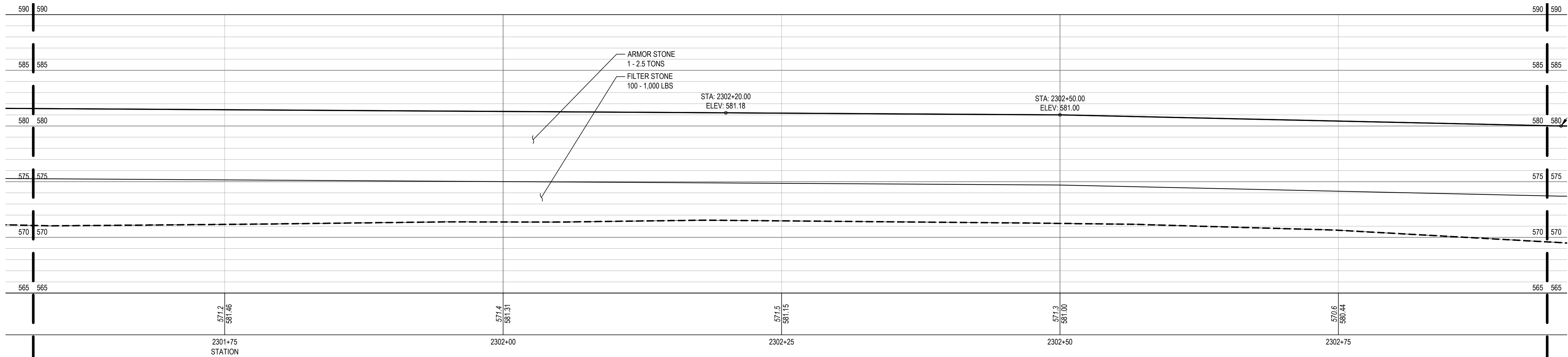
PLAN & TYPICAL SECTIONS - BW2.3 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS	PROJECT NO. 102-311-099
	DATE 02/26/2021
	SHEET NO. C-210 OF (124) SHEETS

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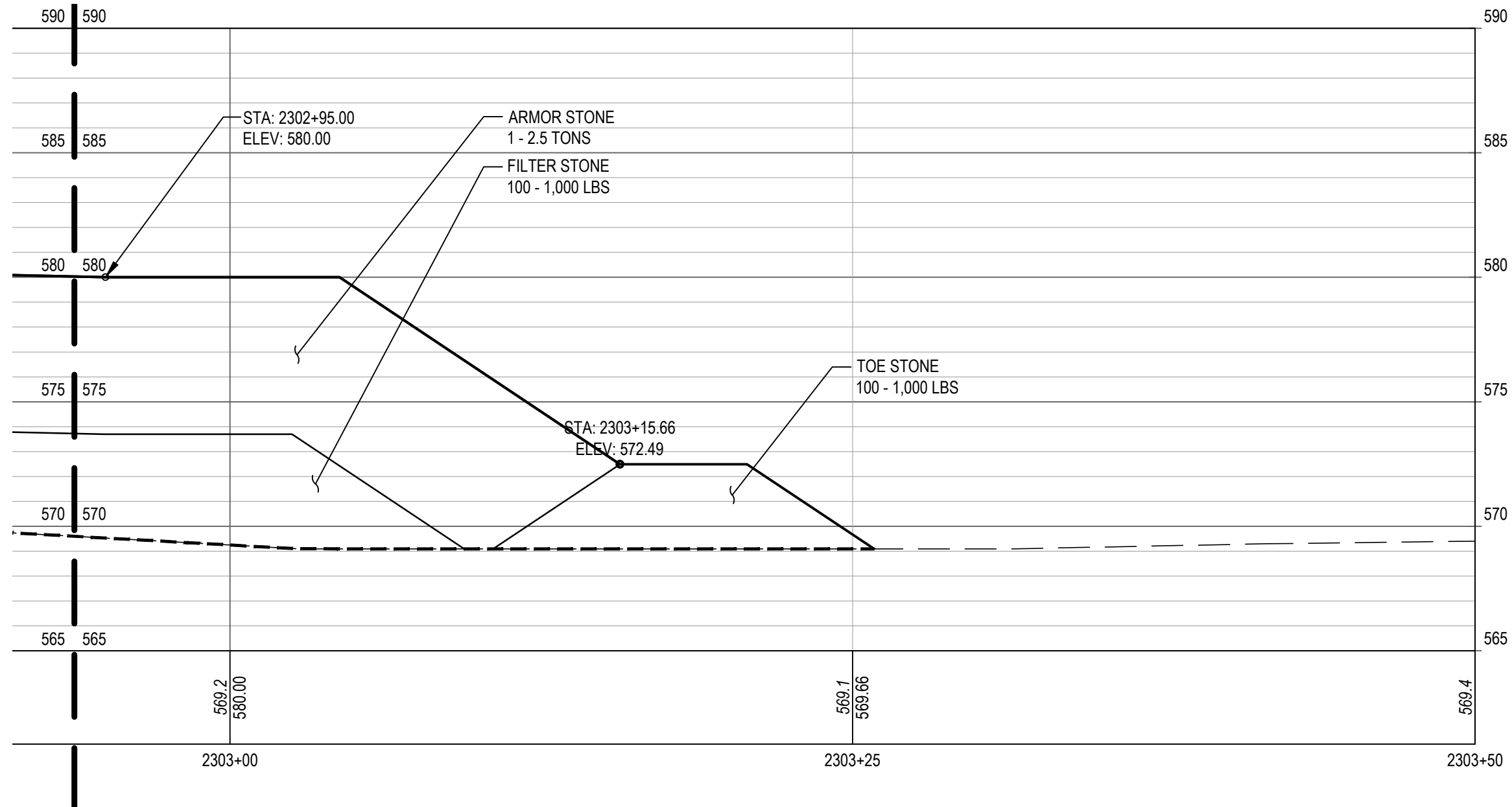
1 BW2.3 PROFILE

SCALE: 1" = 5'



2 BW2.3 PROFILE

SCALE: 1" = 5'



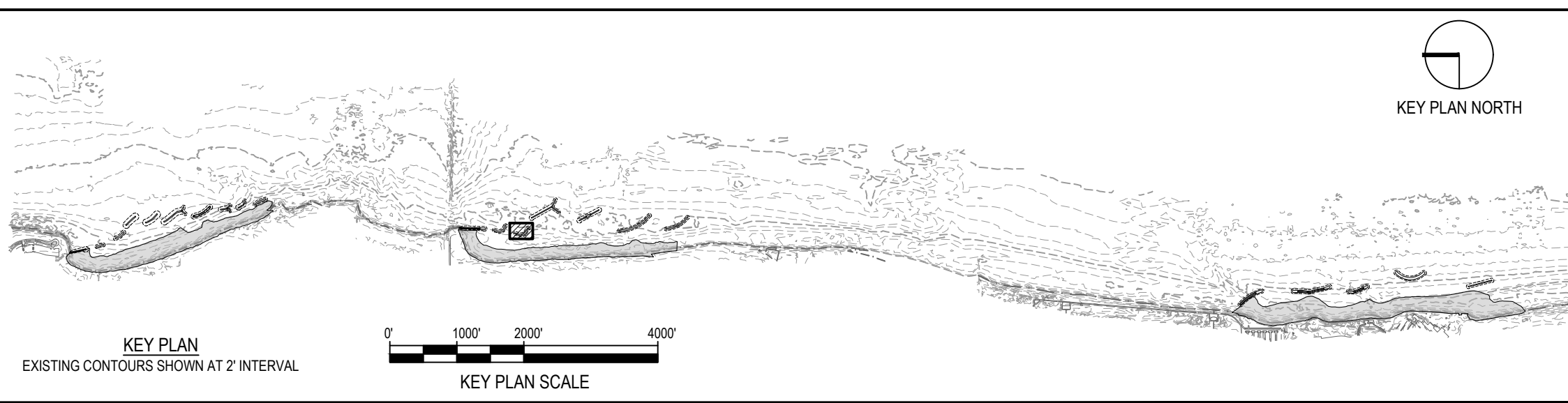
3 BW2.3 PROFILE

SCALE: 1" = 5'

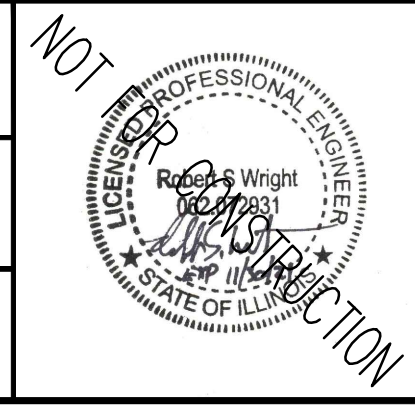
NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

SHEET NOTES	
---	PROFILE / SECTION - EXISTING GRADE
—	PROFILE - FINISH GRADE AT CENTERLINE
---	PROFILE - FINISH GRADE AT REFERENCE LINE
---	PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
---	SECTION - FINISH BEACH GRADE

LEGEND	
---	PROFILE / SECTION - EXISTING GRADE
—	PROFILE - FINISH GRADE AT CENTERLINE
---	PROFILE - FINISH GRADE AT REFERENCE LINE
---	PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
---	SECTION - FINISH BEACH GRADE



REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
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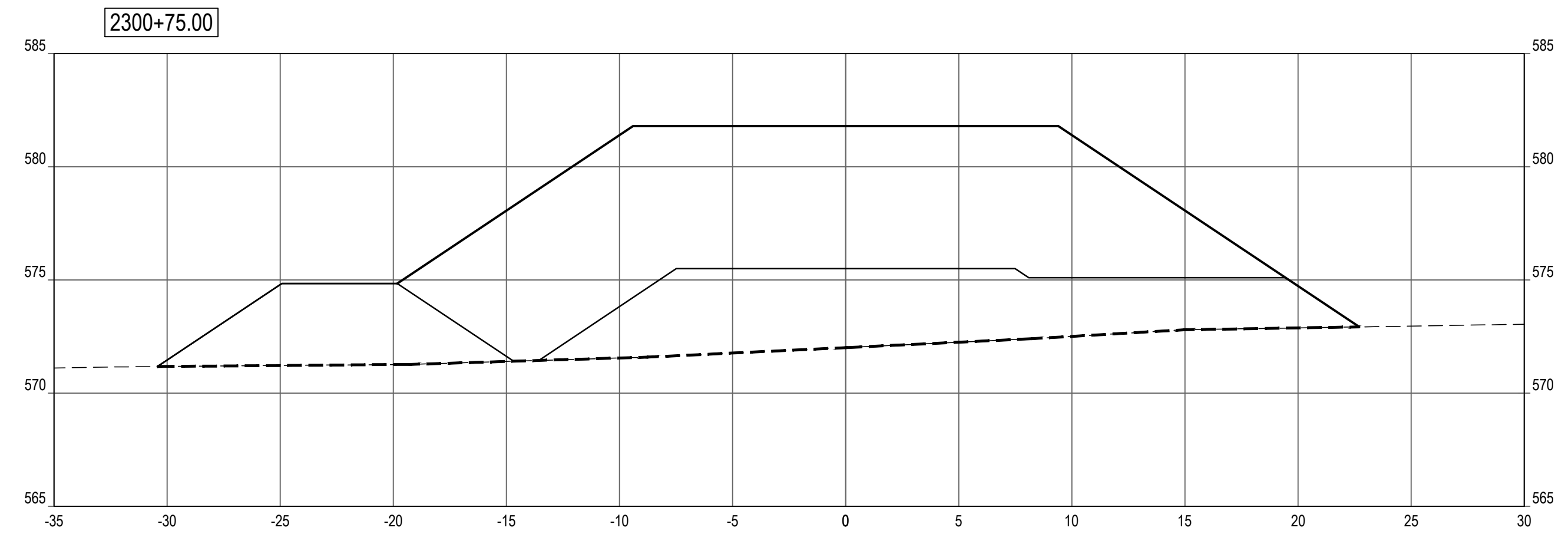
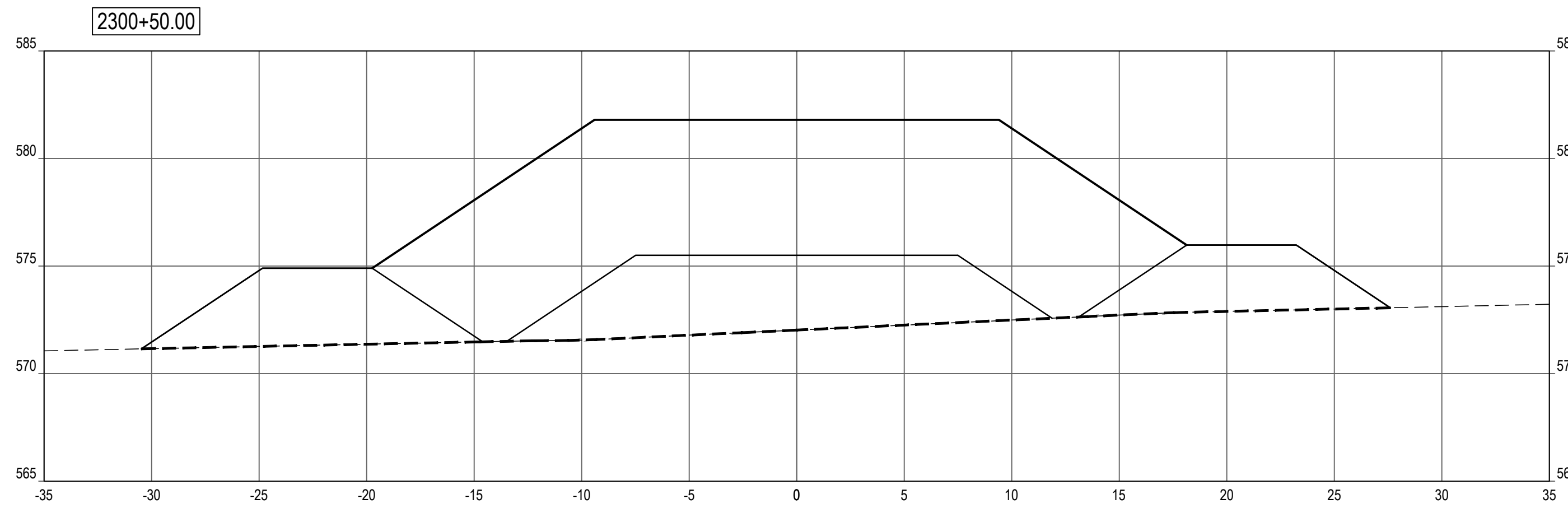
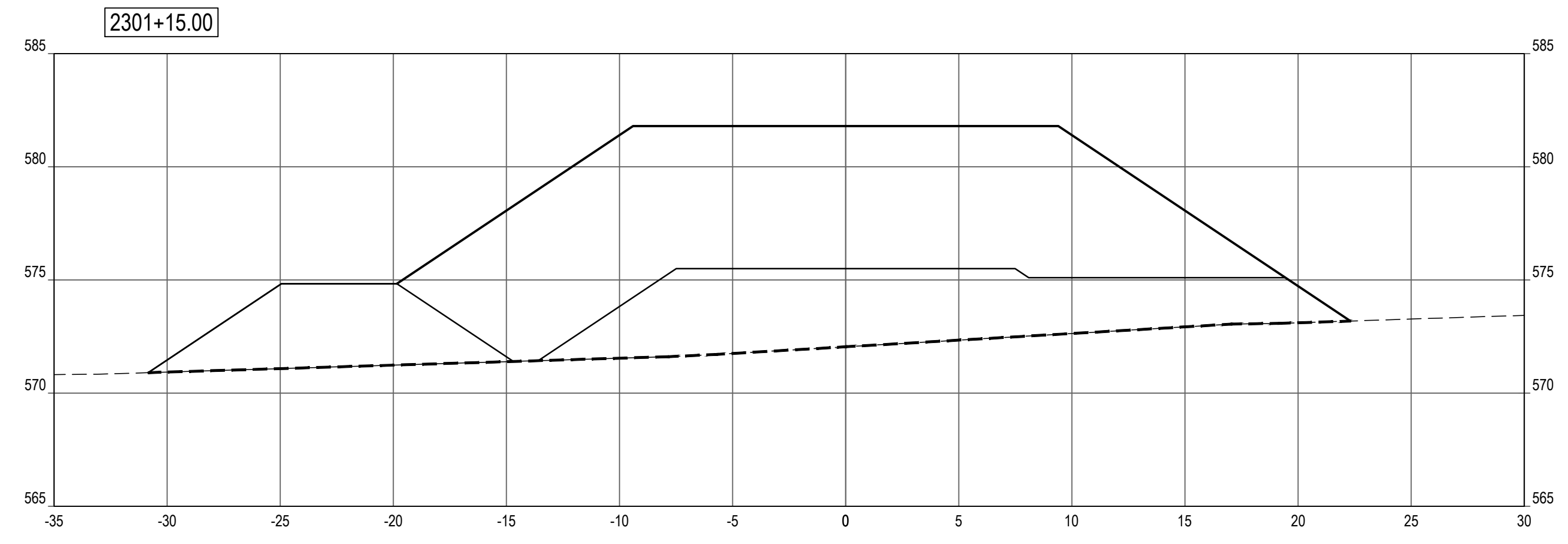
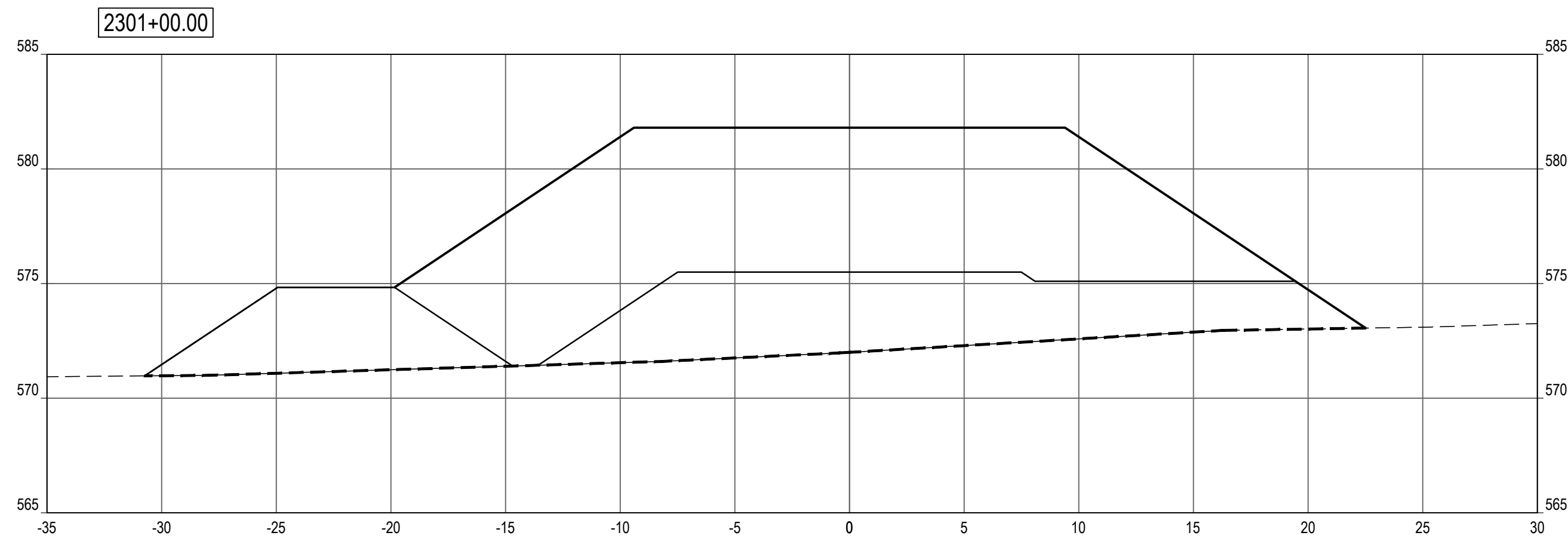
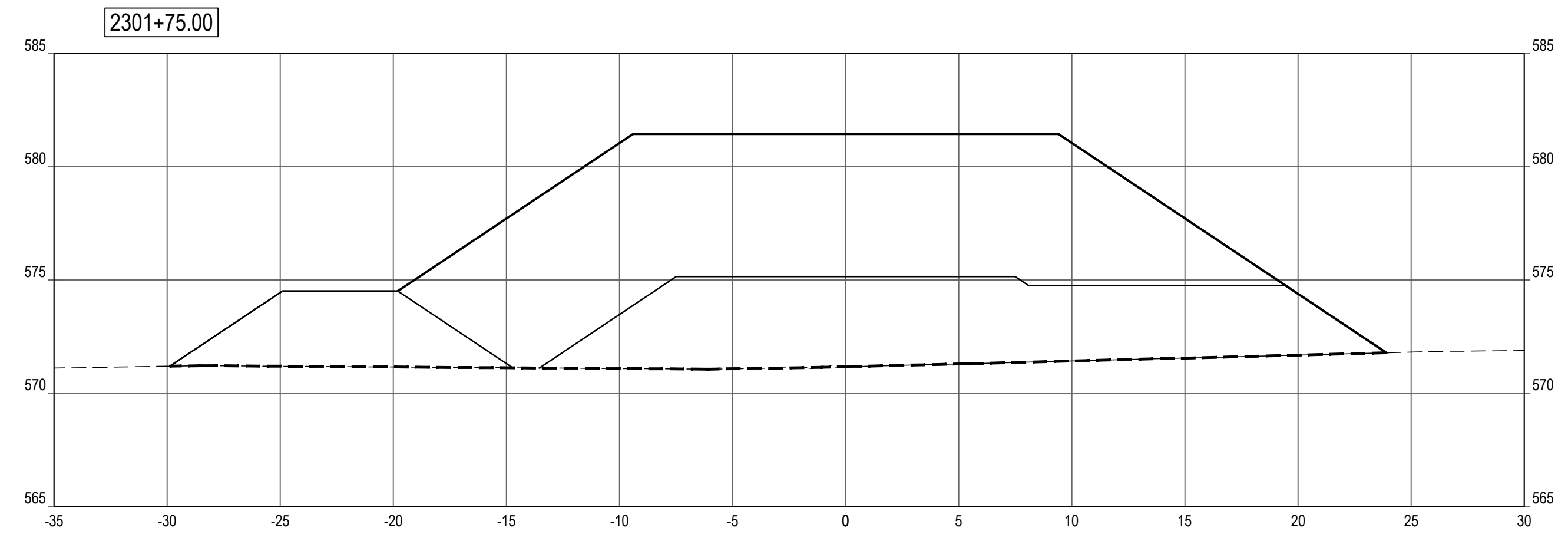
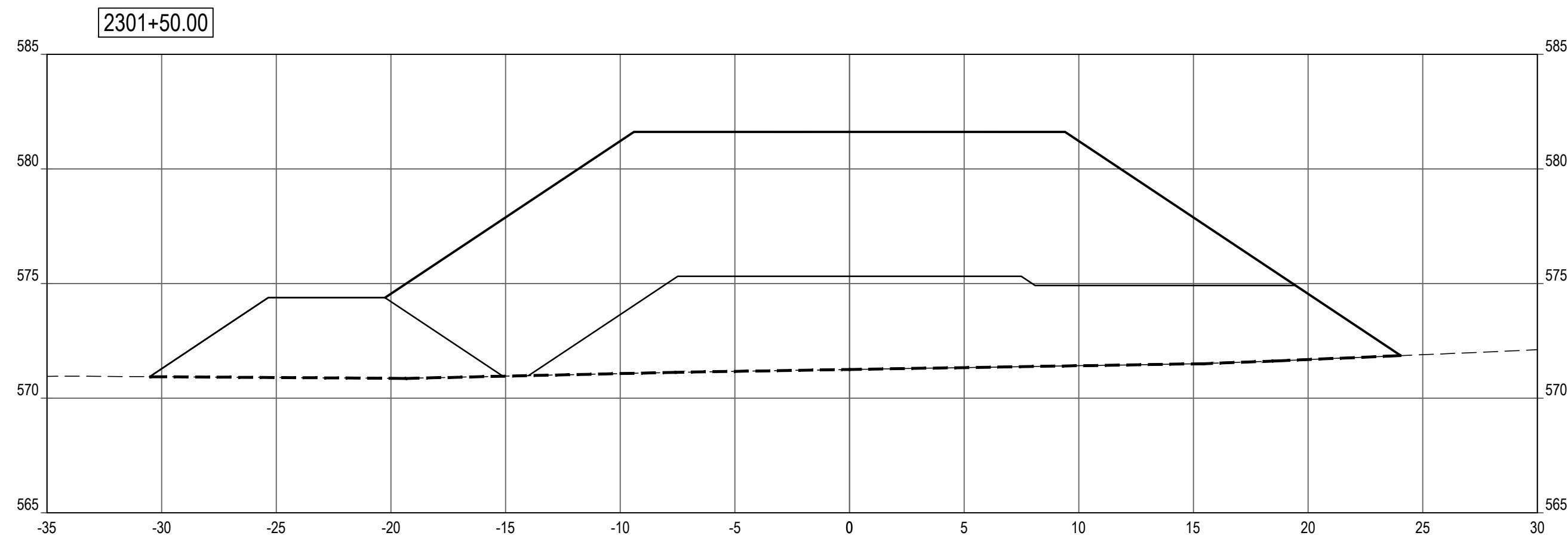
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PROJECT NO. 102-311-099
DATE 02/26/2021
SHEET NO. C-211
OF (124) SHEETS

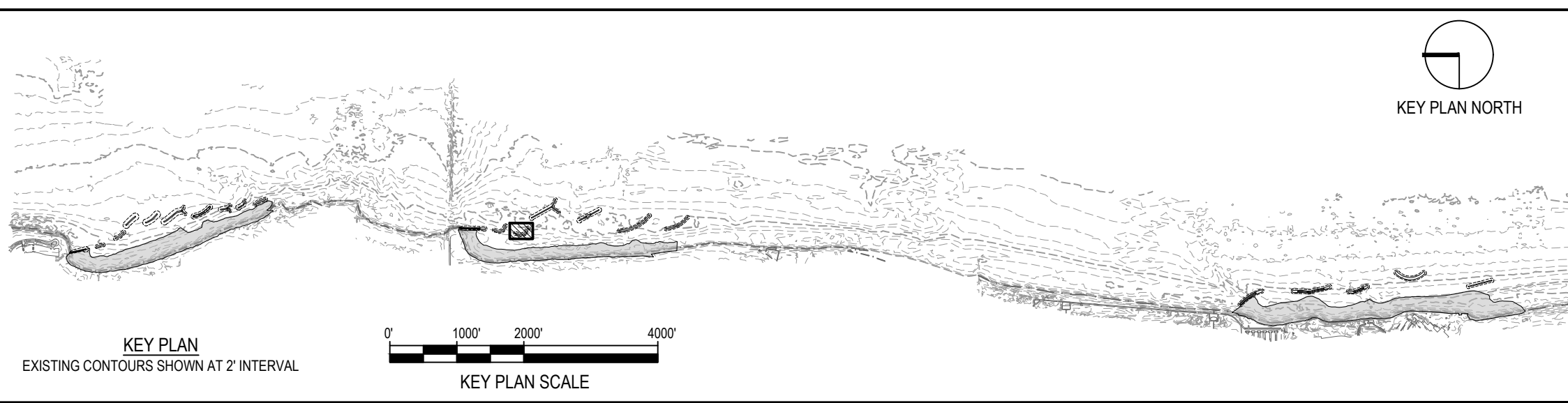
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SHEET NOTES

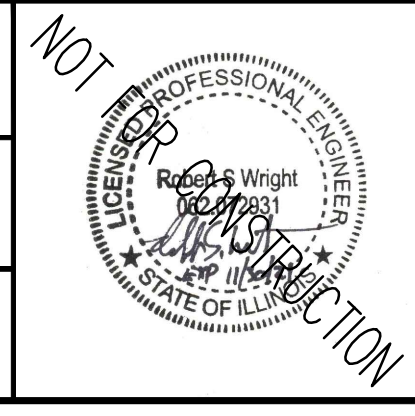
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- · · PROFILE - FINISH GRADE AT REFERENCE LINE
- - - - PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- - - - SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
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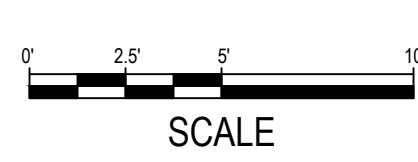
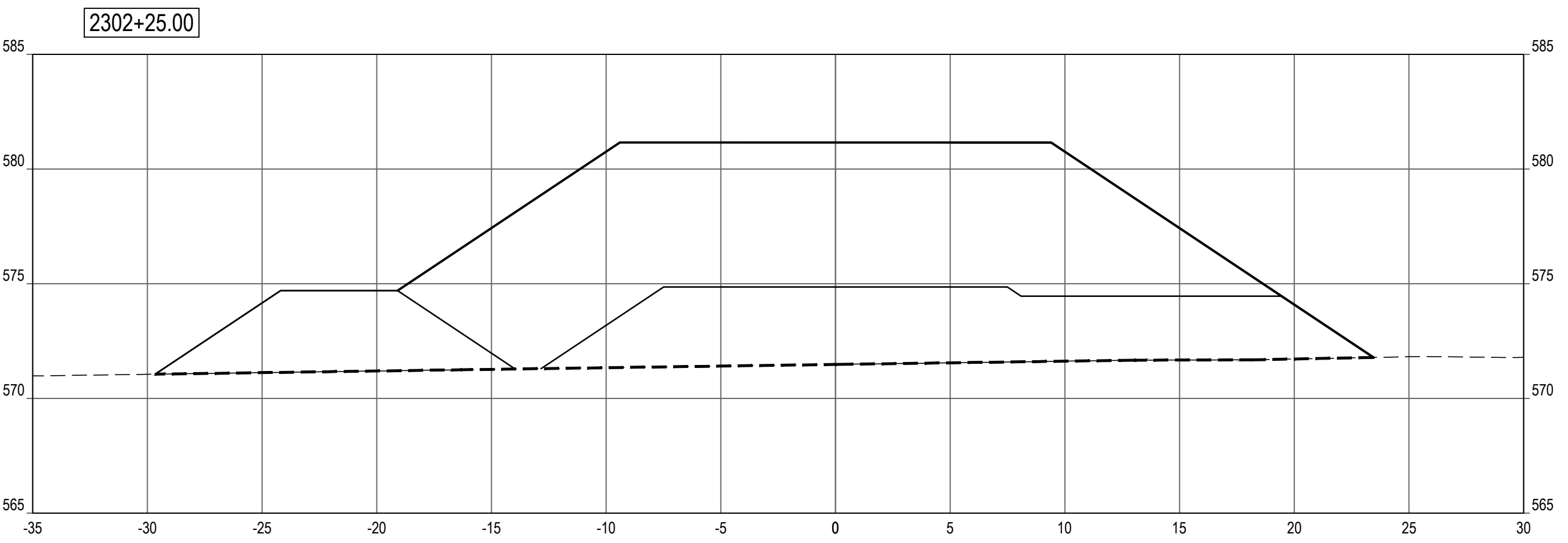
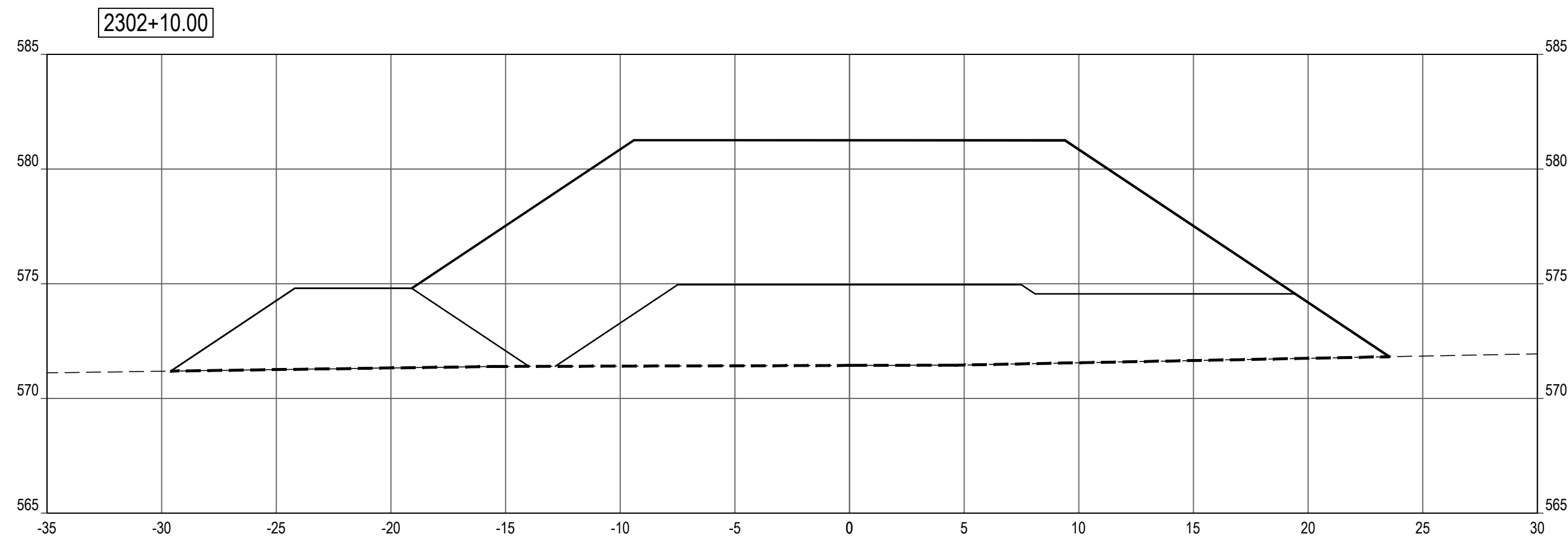
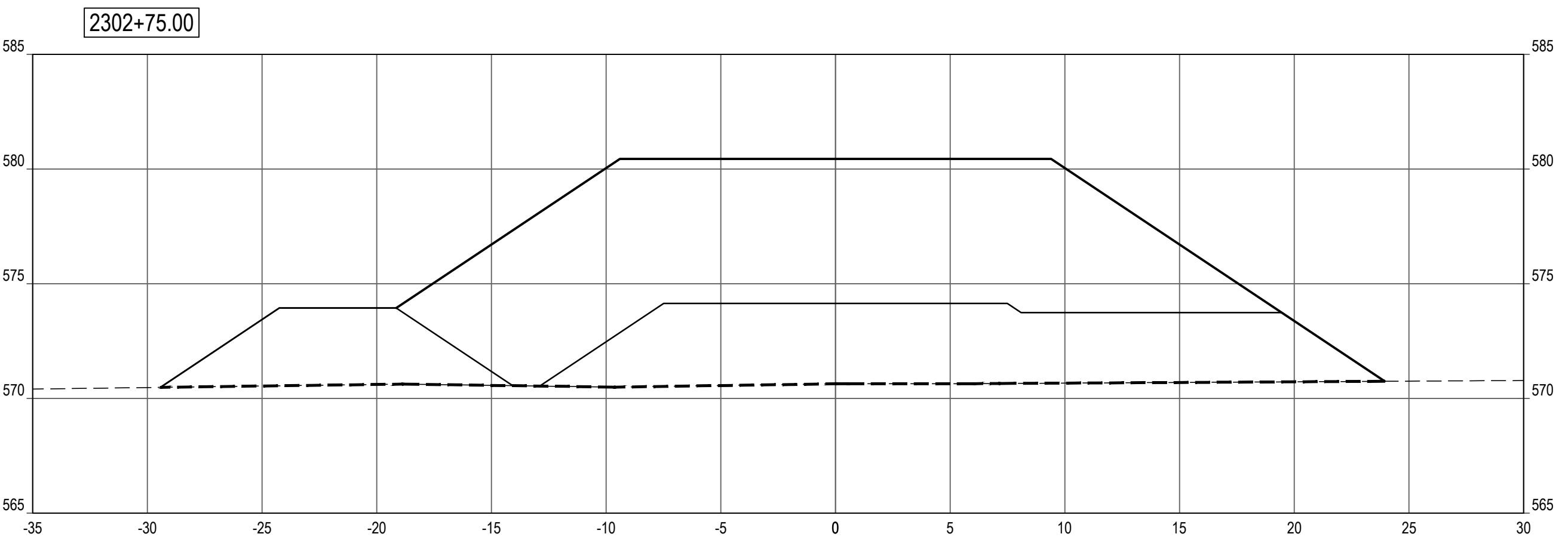
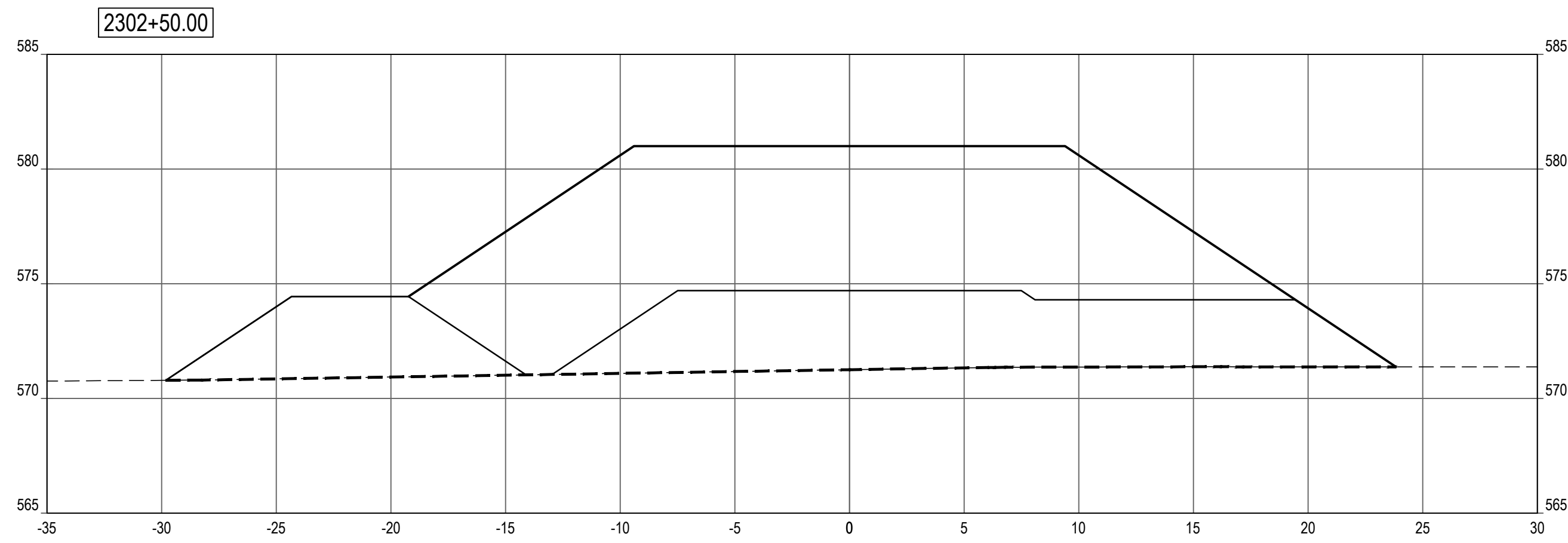
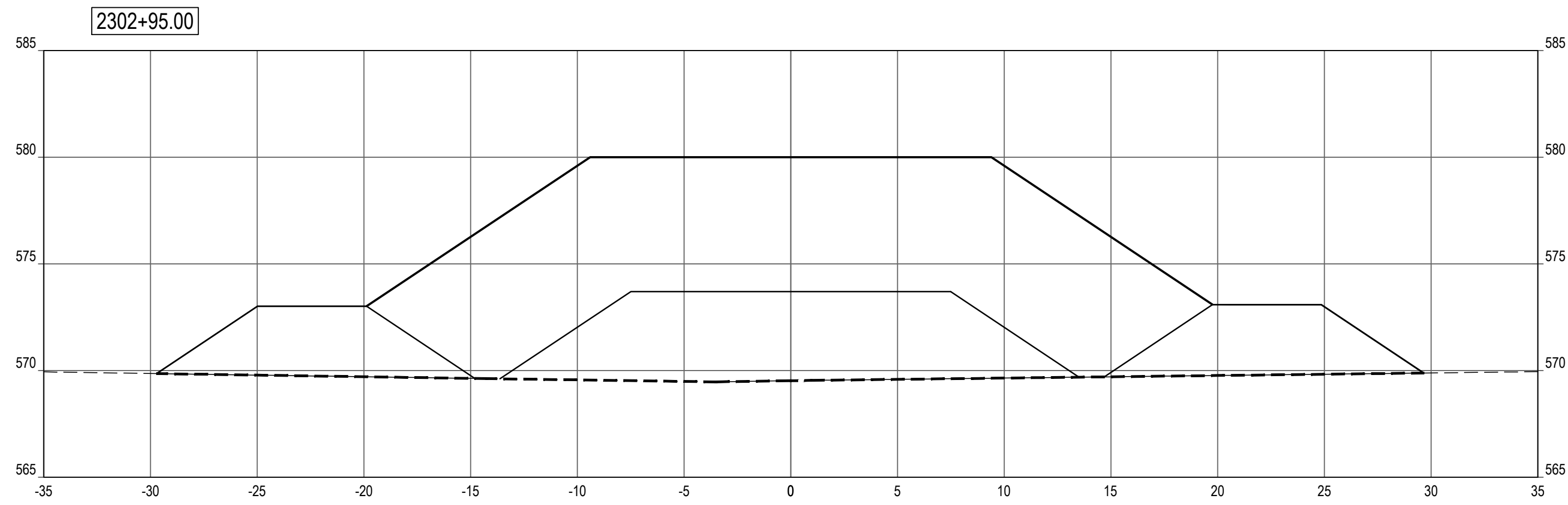
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SECTIONS - BW2.3 (STA 2300+50 TO 2301+75)		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-212
OF (124) SHEETS		

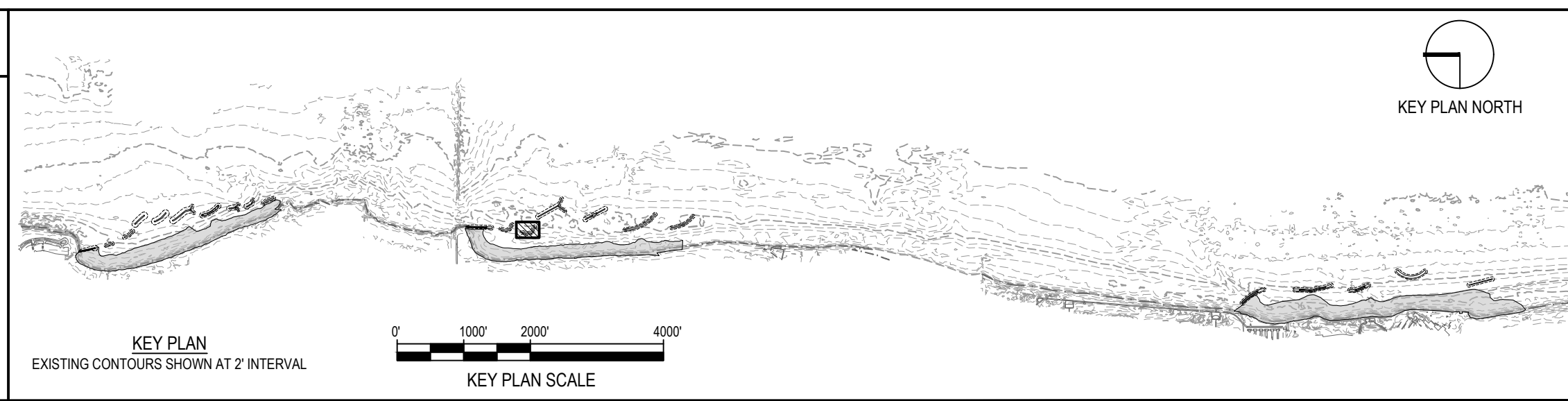
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SHEET NOTES

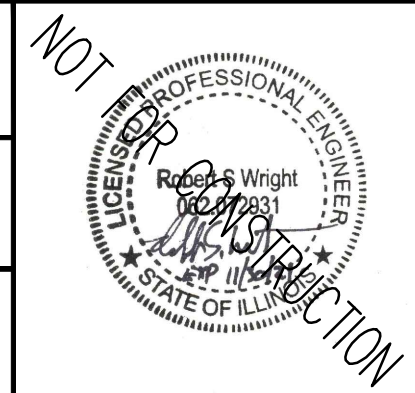
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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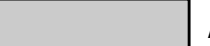
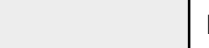
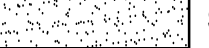



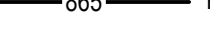
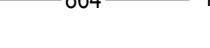
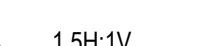


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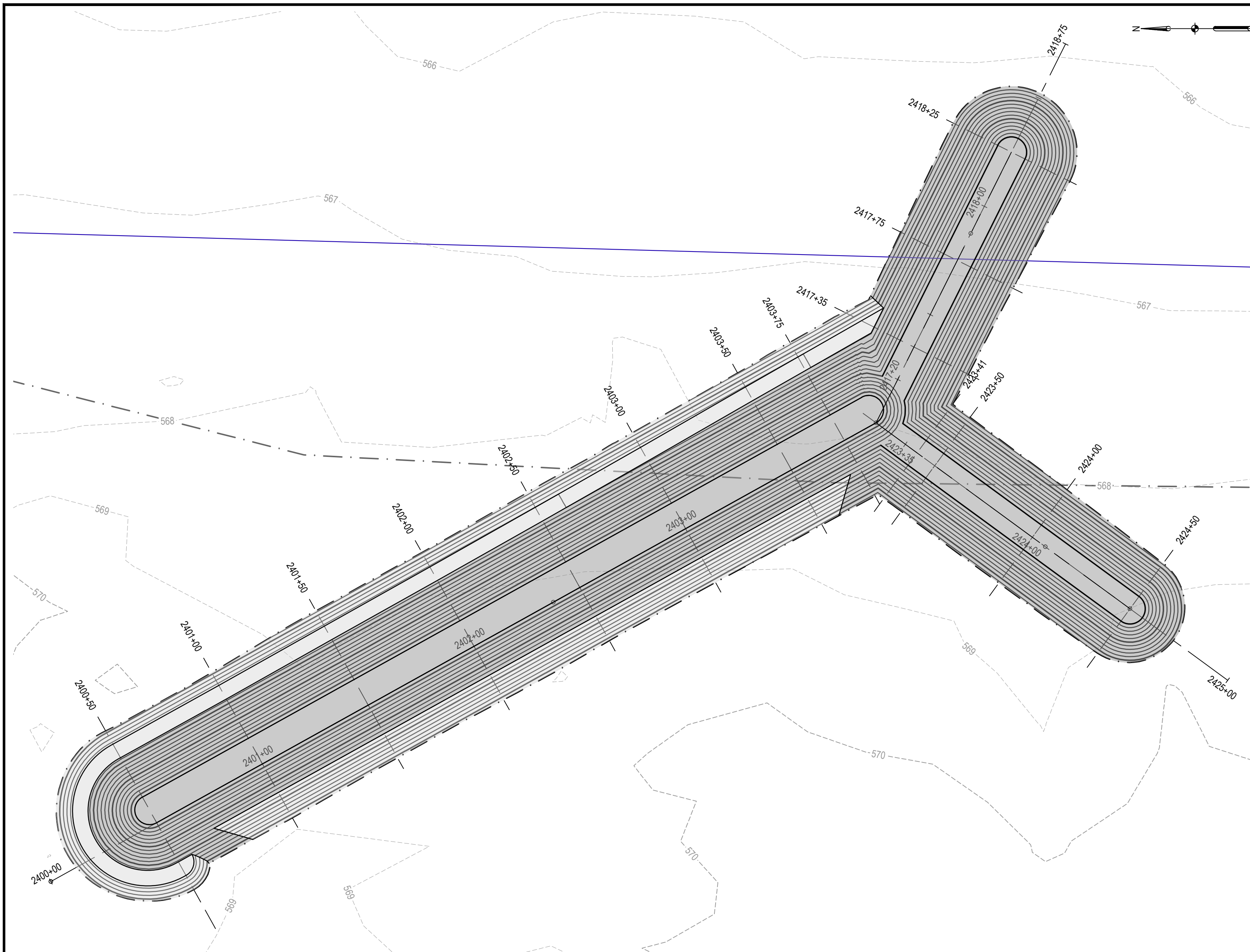
SECTIONS - BW2.3 (STA 2302+10 TO 2302+95)		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-213
		OF (124) SHEETS

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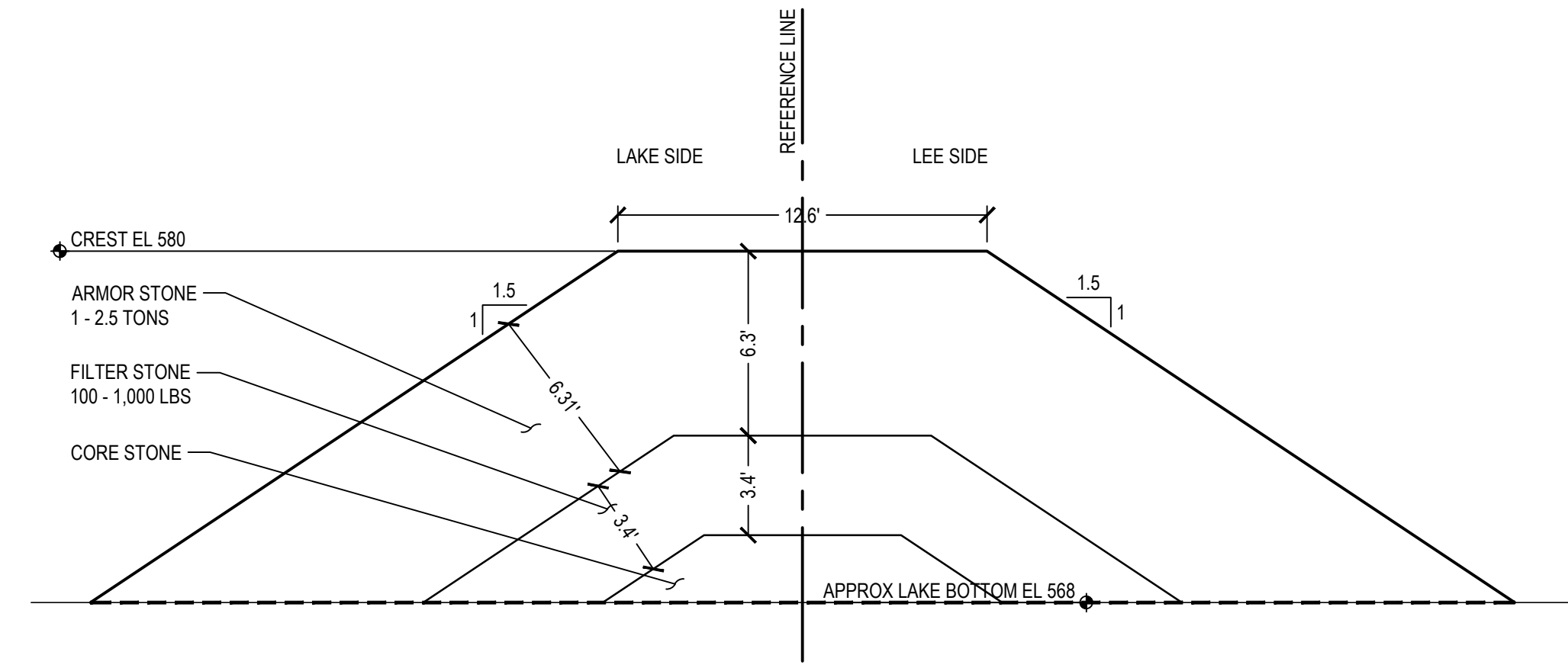
LEGEND

-  ARMOR STONE
-  FILTER STONE / TOE STONE
-  SAND BEACH
-  NAVIGATION AID
-  865 - - - - - EXISTING MAJOR CONTOUR
-  864 - - - - - EXISTING MINOR CONTOUR
-  865 ———— PROPOSED MAJOR CONTOUR
-  864 ———— PROPOSED MINOR CONTOUR
-  GRADING LIMITS
-  1.5H:1V COASTAL STRUCTURE SIDE SLOPE
-  - - - - - SECTION - COMPOSITE GEOTEXTILE GEOGRID



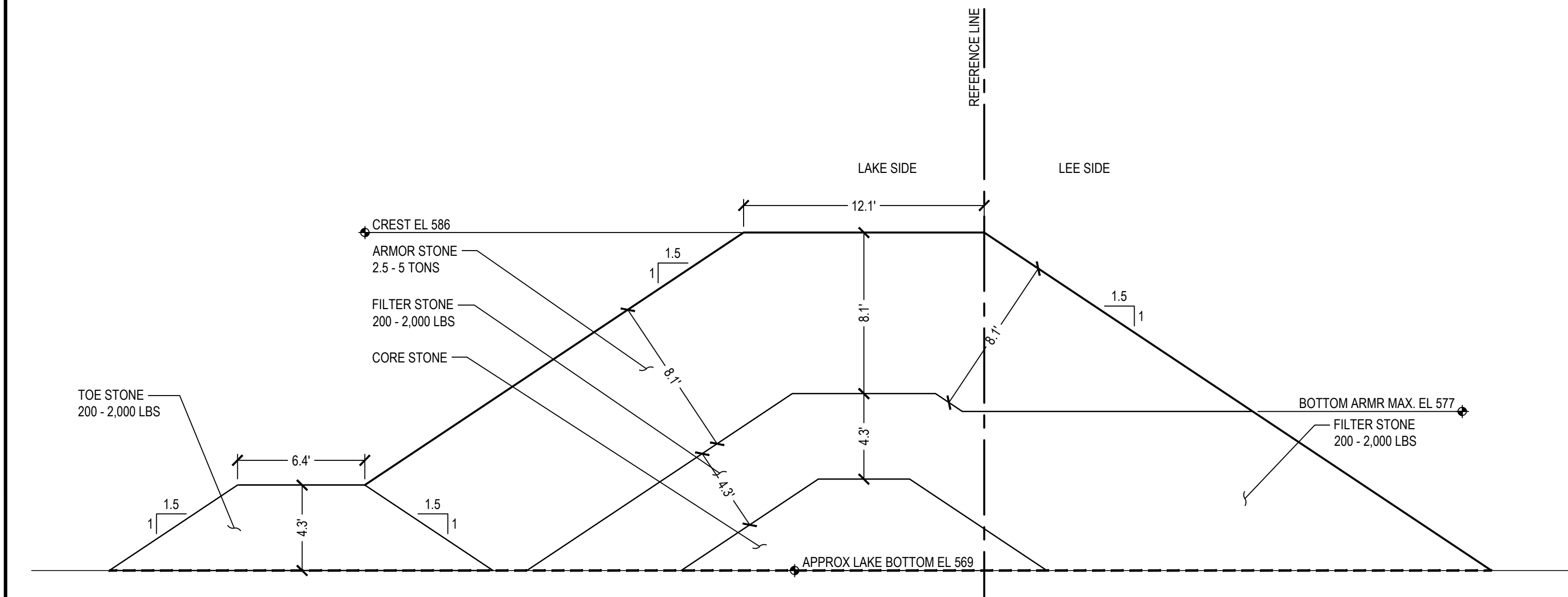
1 BW2.4 LAYOUT & GRADING PLAN

SCALE: 1" = 30'



2 BW2.4 FISHTAIL (STA 2417+35 TO 2148+52 AND STA 2423+41 TO 2424+72) SECTION

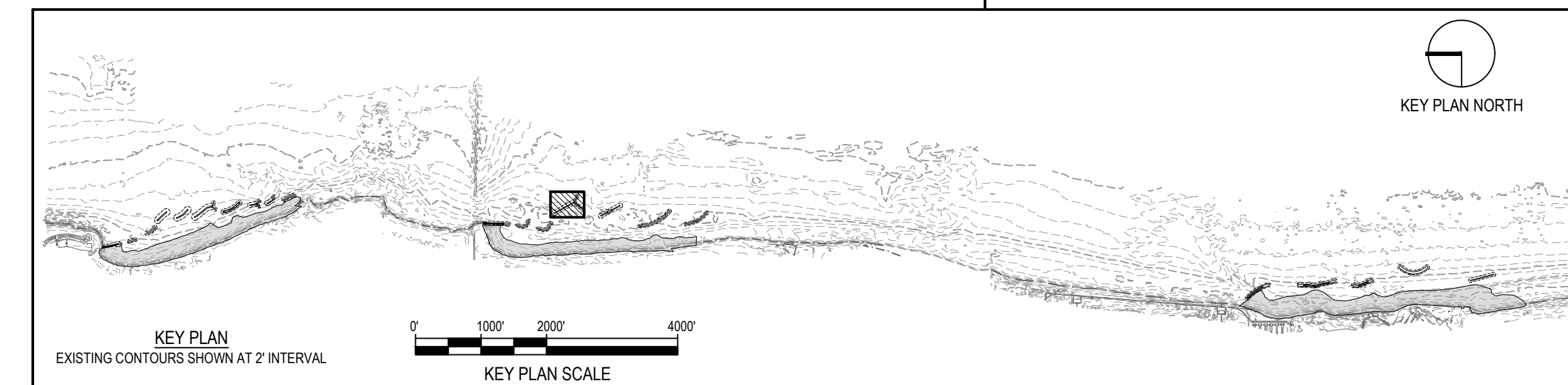
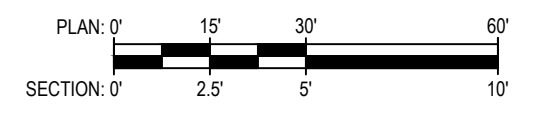
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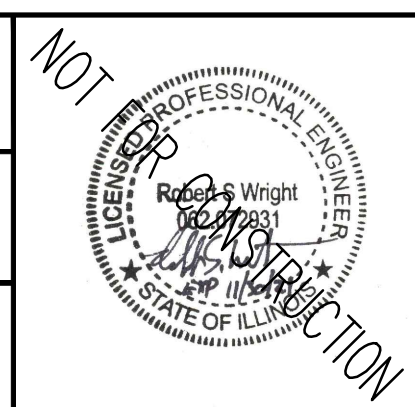
3 BW2.4 TRUNK (START TO STA 2403+90) SECTION

SCALE: 1" = 5'

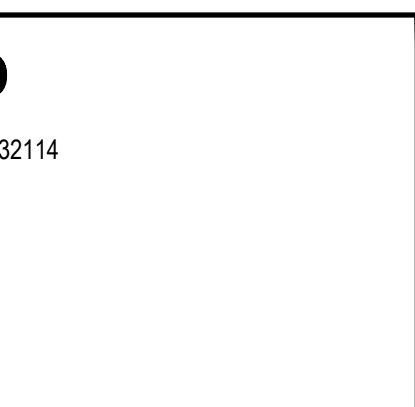
NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.



REVISIONS			DRAWN	PREPARED
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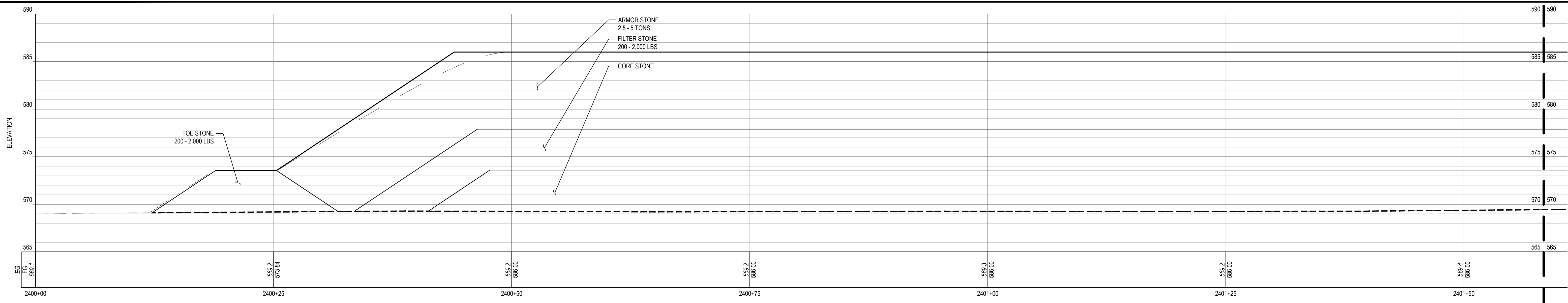


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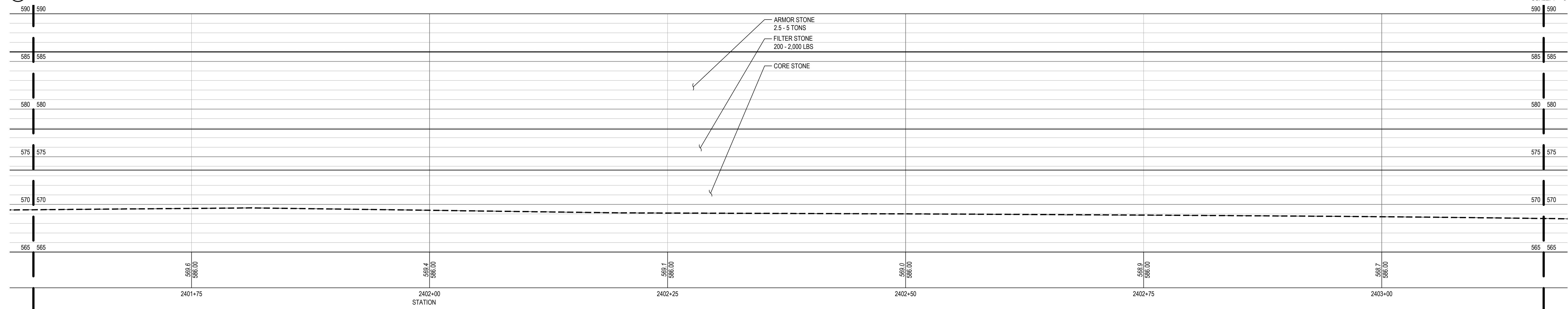
PLAN & TYPICAL SECTIONS - BW2.4
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-214**
 OF (124) SHEETS

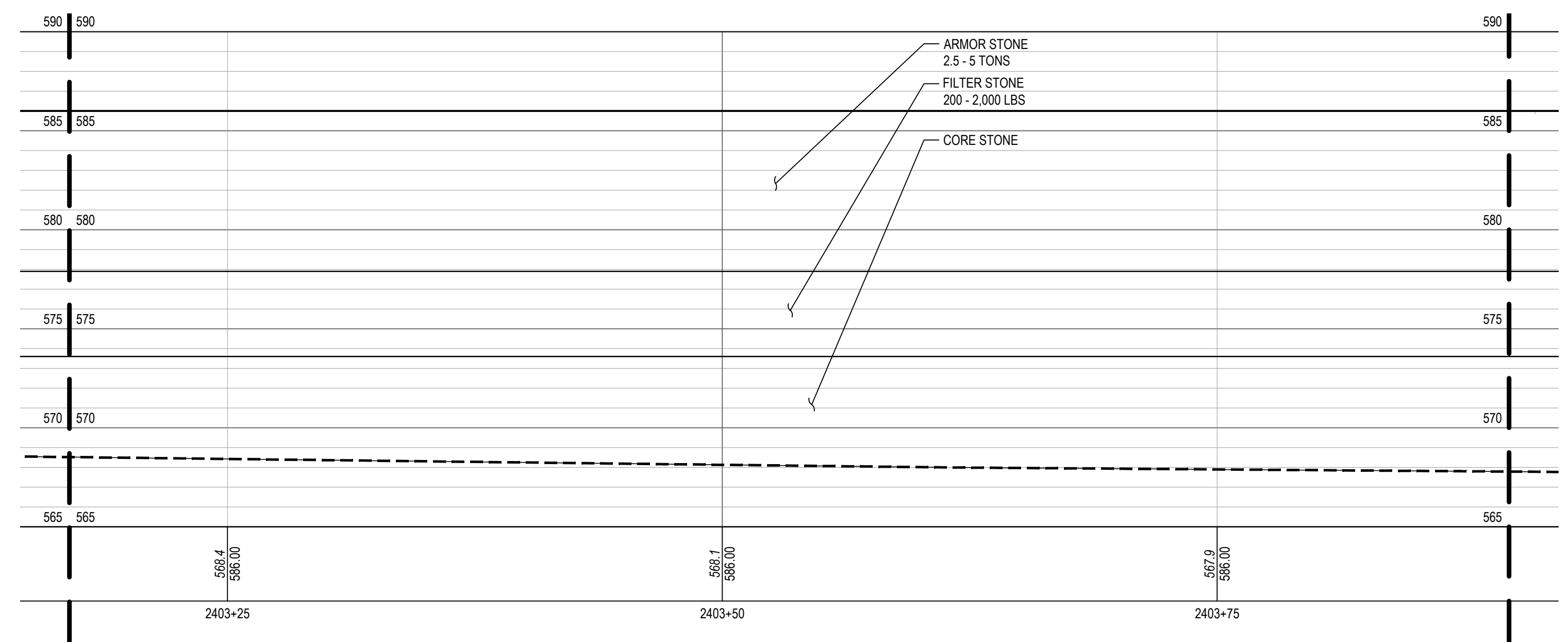
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1 BW2.4 PROFILE



2 BW2.4 PROFILE



3 BW2.4 PROFILE

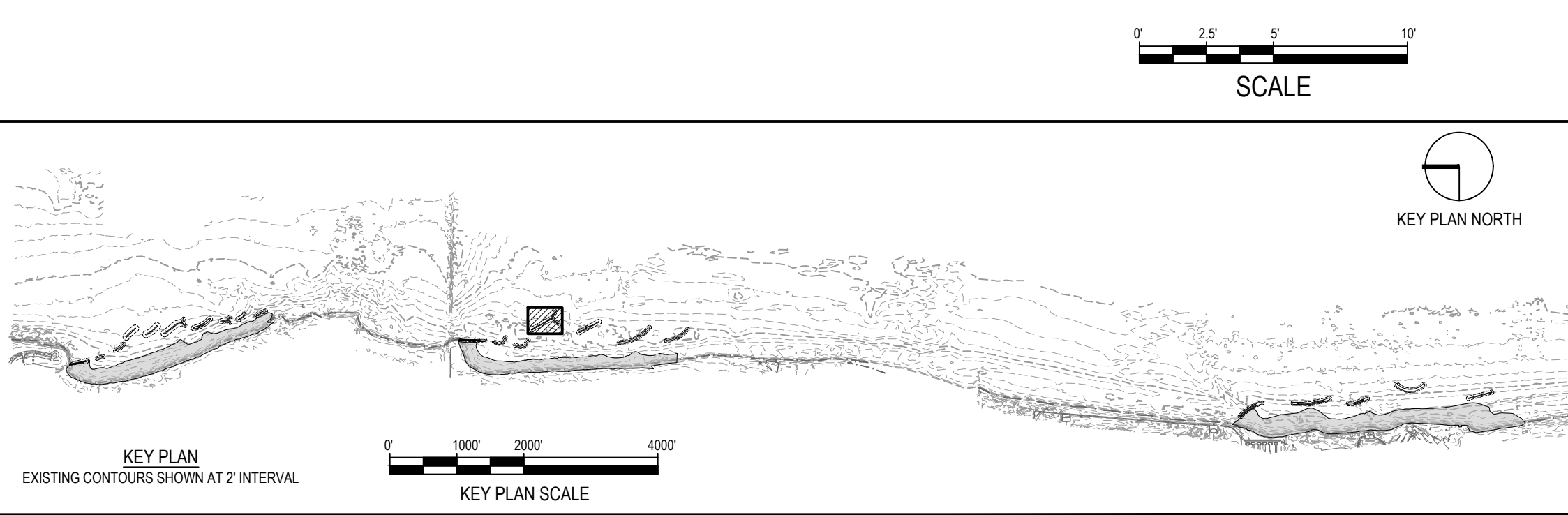
NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

SHEET NOTES

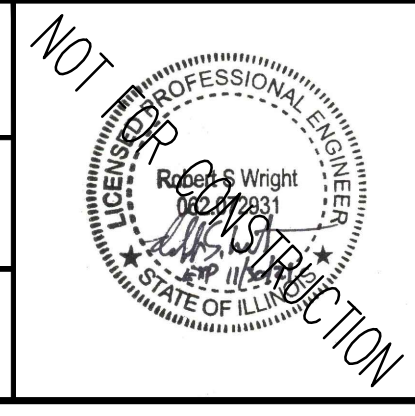
- STONE LAYERS IN PROFILE ARE SHOWN AT CENTERLINE OF STRUCTURE CREST, WHICH IS NOT THE SAME AS THE REFERENCE LINE. PROFILE FINISH GRADE AT THE REFERENCE LINE IS SHOWN FOR CONTEXT.

LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- - - - PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
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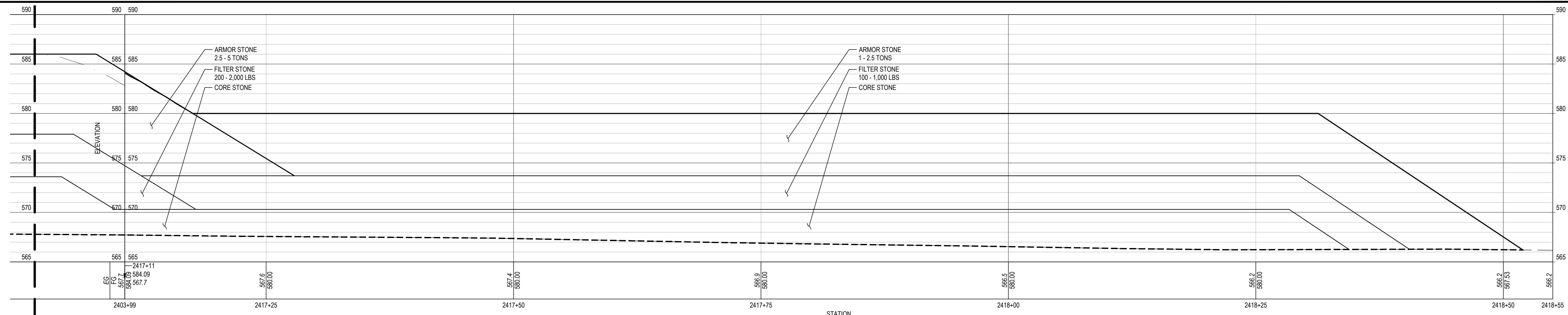
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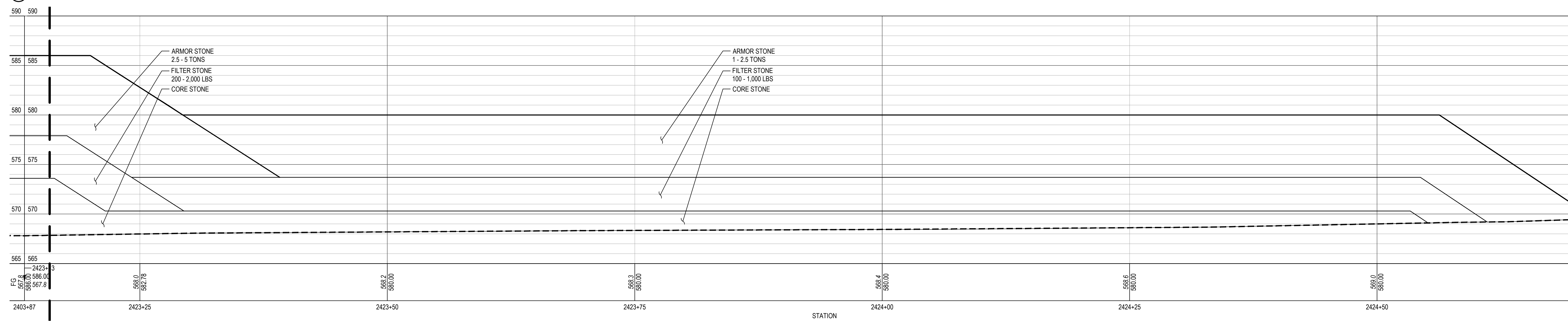
State of Illinois
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PROFILE - BW2.4
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

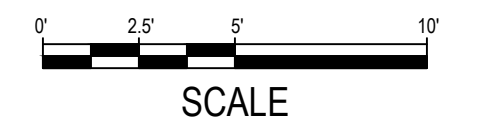
PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. C-215
 OF (124) SHEETS



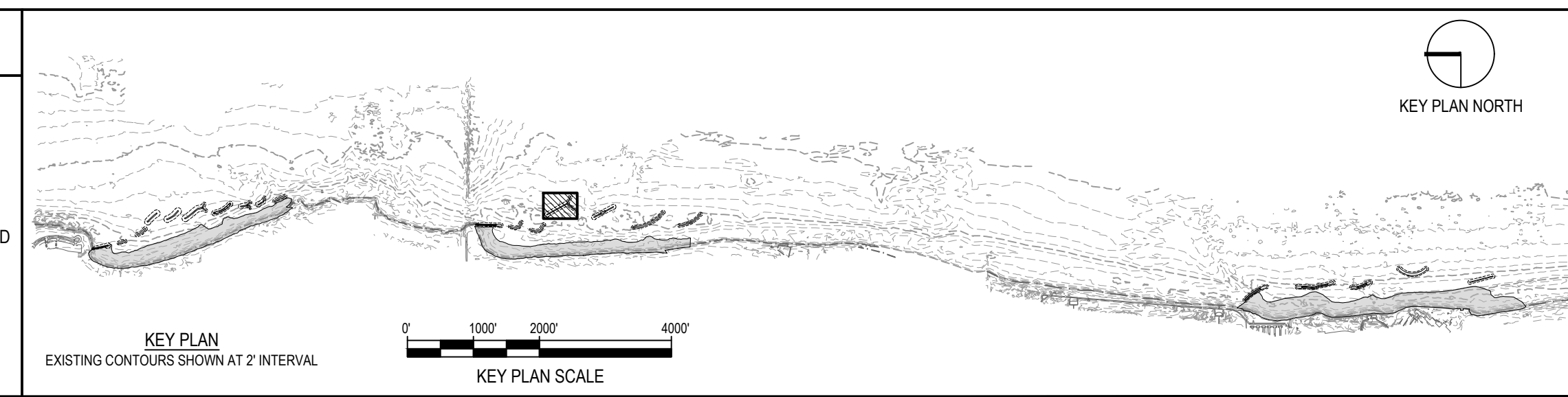
1 BW2.4 PROFILE EAST FISHTAIL SCALE: 1" = 5'



2 BW2.4 PROFILE WEST FISHTAIL SCALE: 1" = 5'

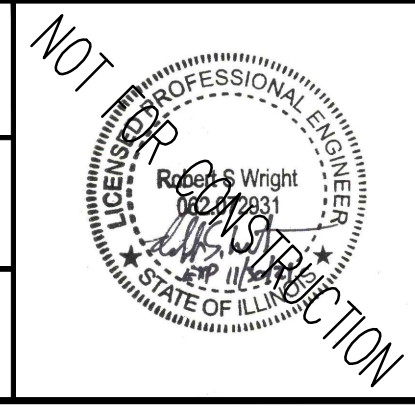


SHEET NOTES	LEGEND
<p>1. STONE LAYERS IN PROFILE ARE SHOWN AT CENTERLINE OF STRUCTURE CREST, WHICH IS NOT THE SAME AS THE REFERENCE LINE. PROFILE FINISH GRADE AT THE REFERENCE LINE IS SHOWN FOR CONTEXT.</p>	<p>--- PROFILE / SECTION - EXISTING GRADE</p> <p>— PROFILE - FINISH GRADE AT CENTERLINE</p> <p>— PROFILE - FINISH GRADE AT REFERENCE LINE</p> <p>--- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID</p> <p>--- SECTION - FINISH BEACH GRADE</p>



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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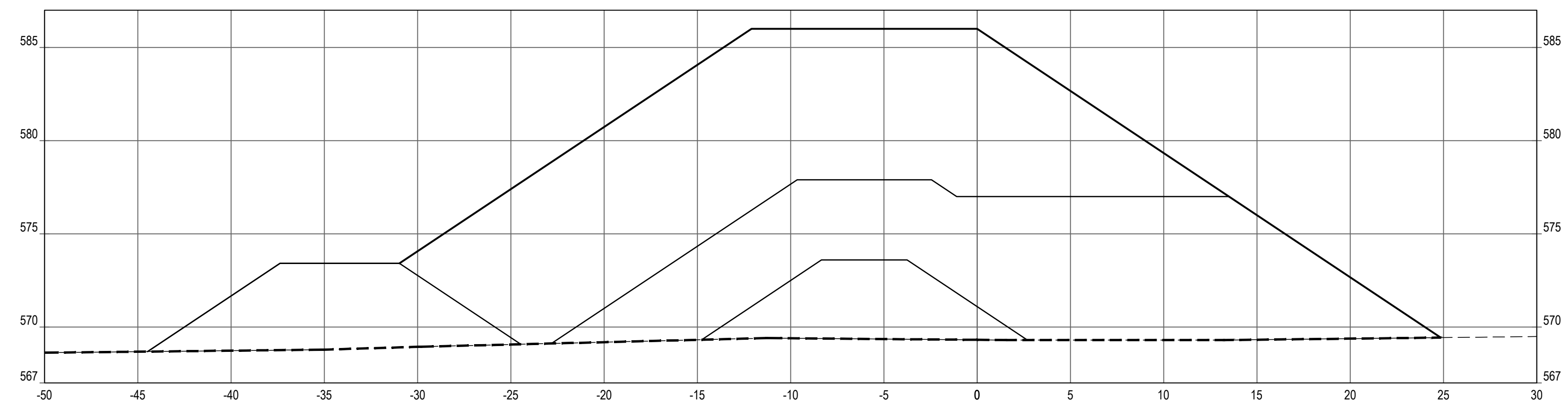


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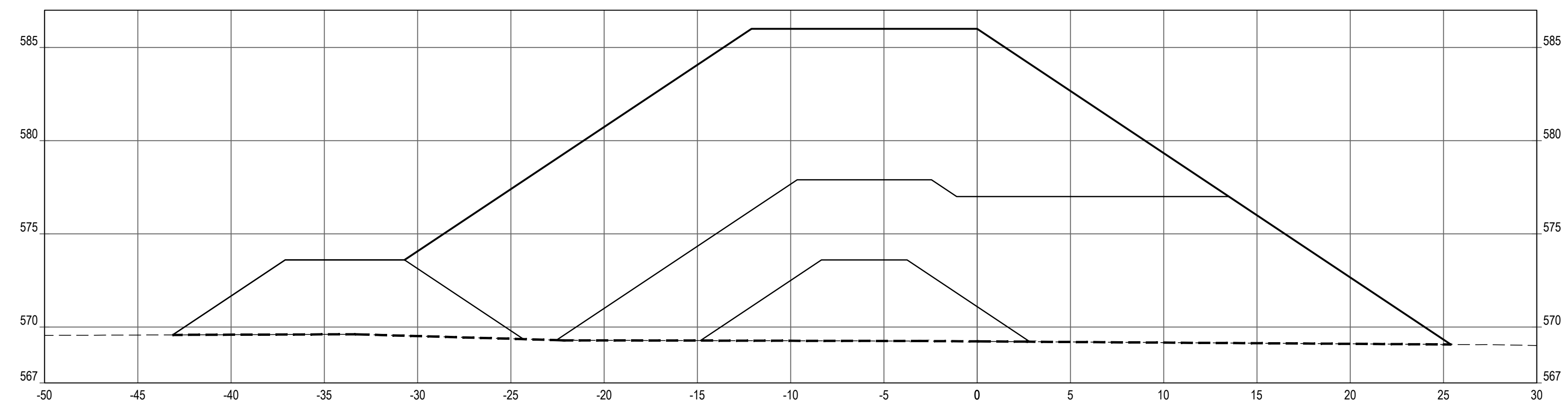
PROFILE - BW2.4	PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS	DATE 02/26/2021
	SHEET NO. C-216
	OF (124) SHEETS

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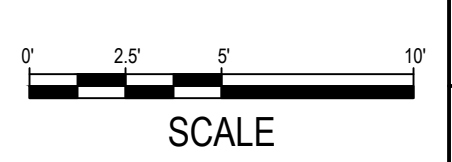
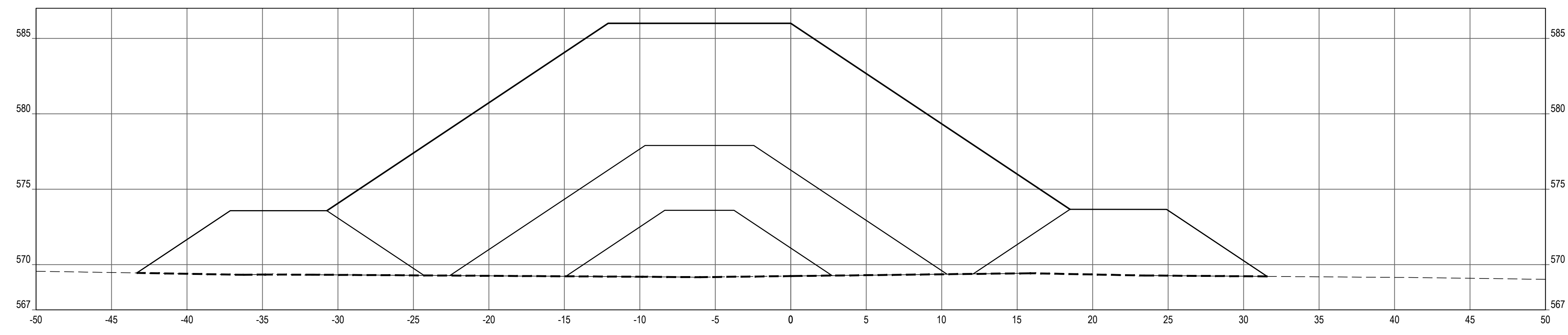
2401+50.00



2401+00.00



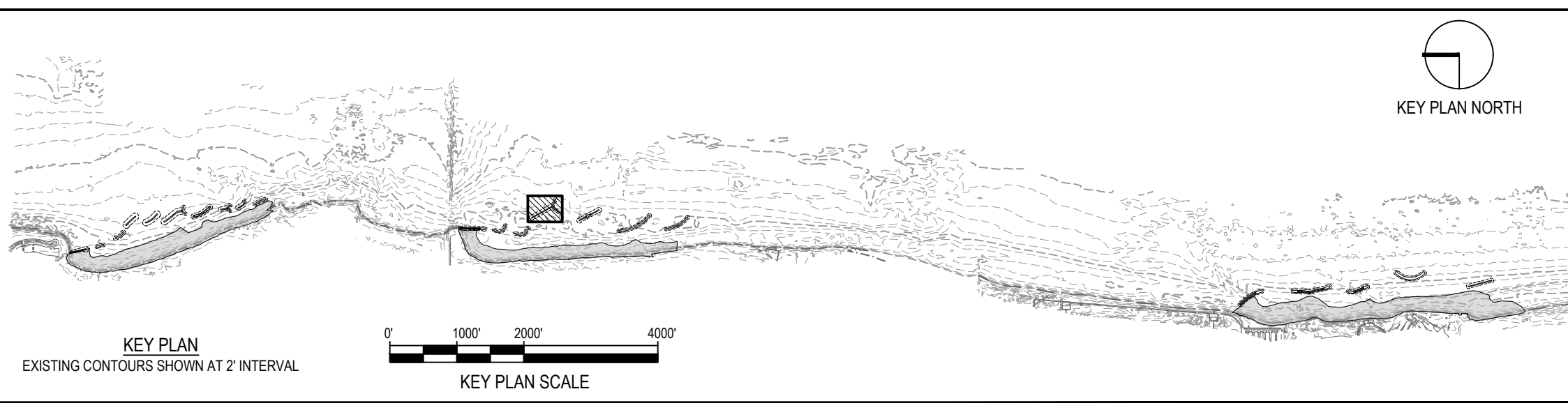
2400+50.00



SHEET NOTES

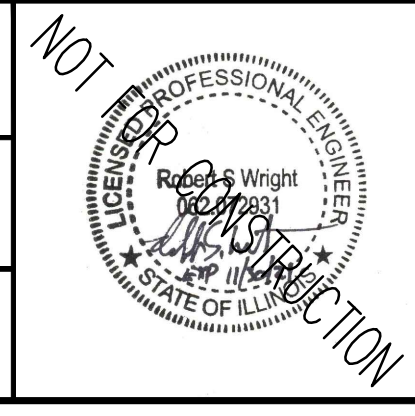
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- · · PROFILE - FINISH GRADE AT REFERENCE LINE
- · - · PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- - - - SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



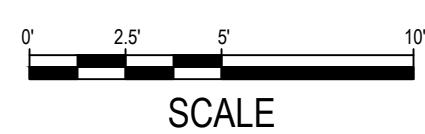
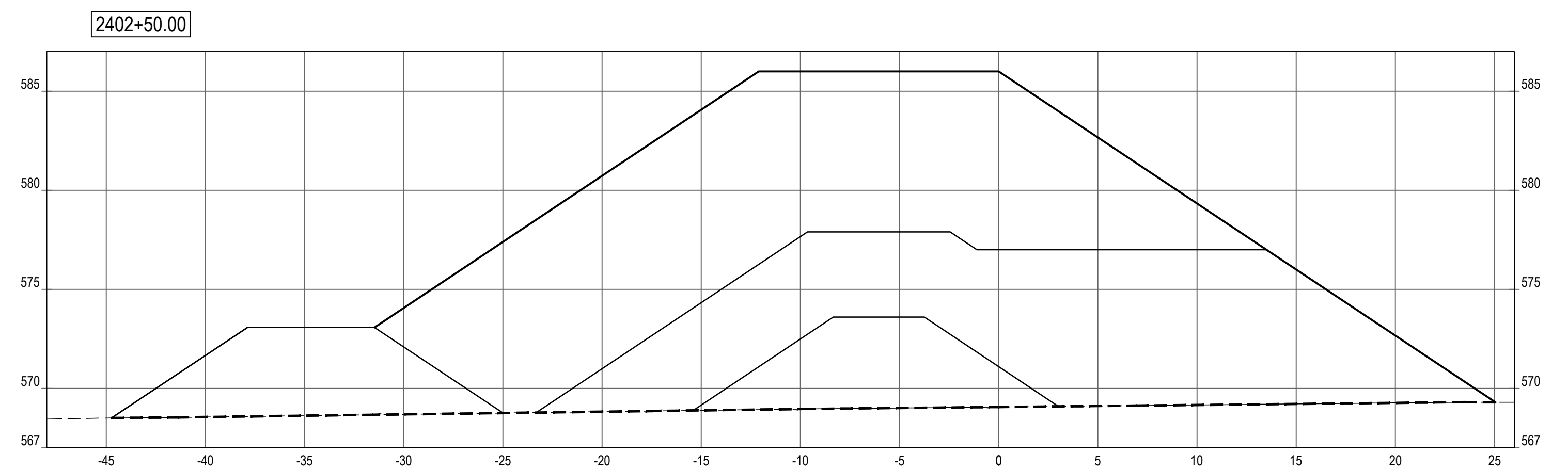
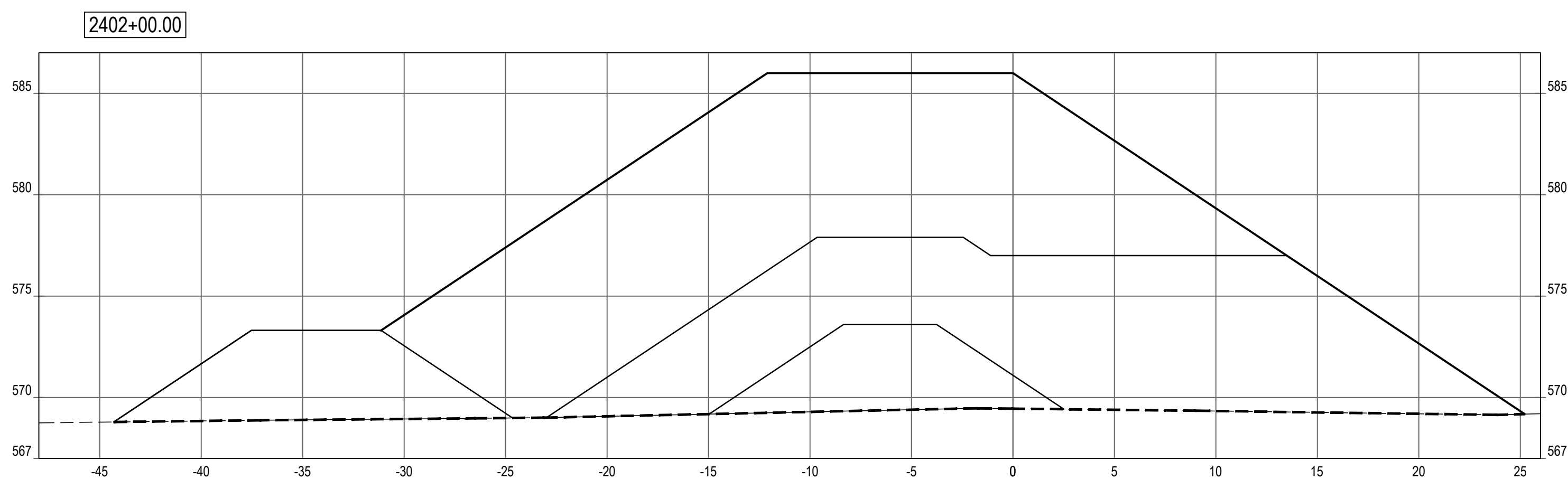
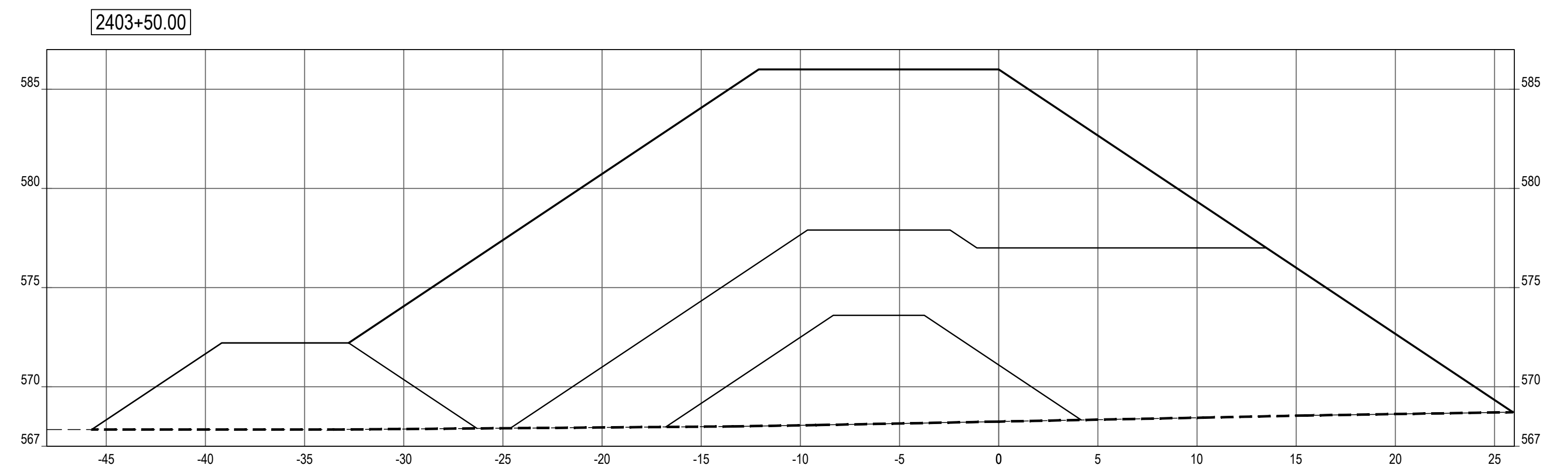
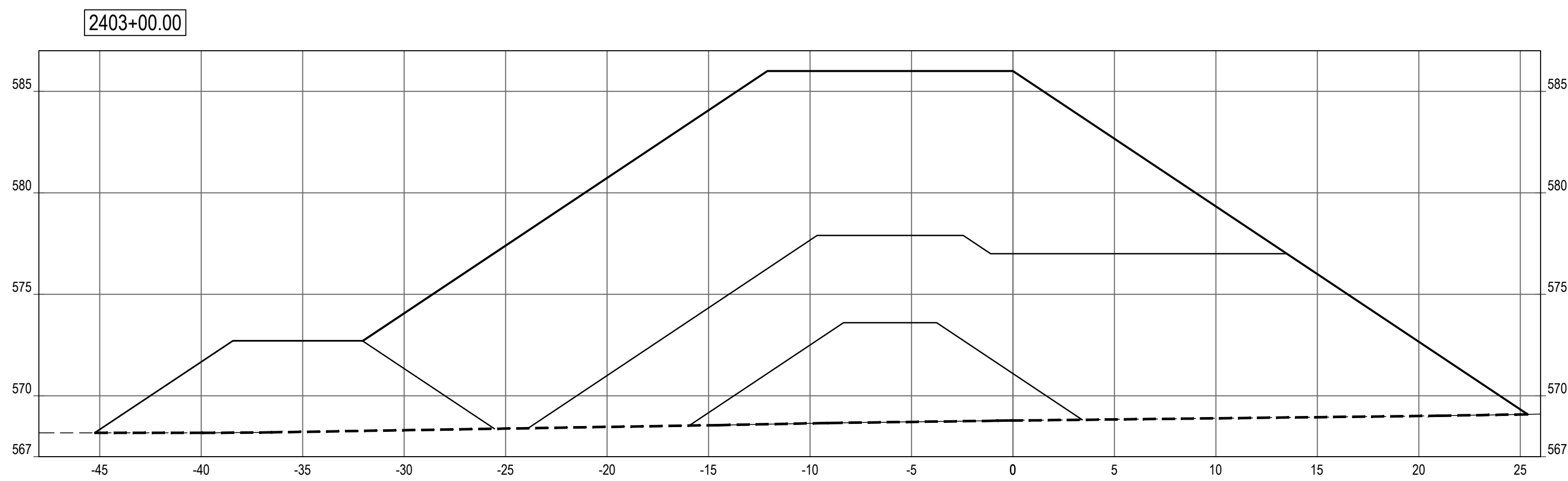
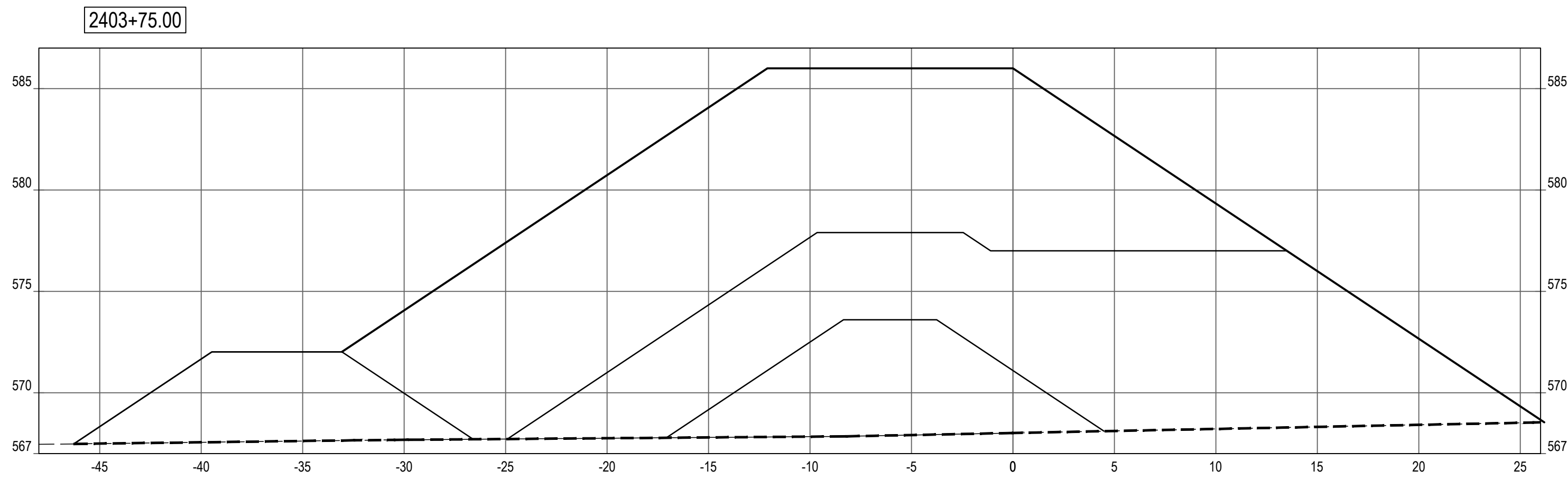
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State of Illinois
JB PRITZKER, GOVERNOR
 Illinois Capital Development Board

SECTIONS - BW2.4 (STA 2400+50 TO 2401+50)		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-217
		OF (124) SHEETS

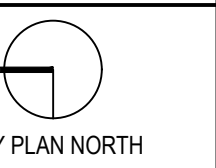
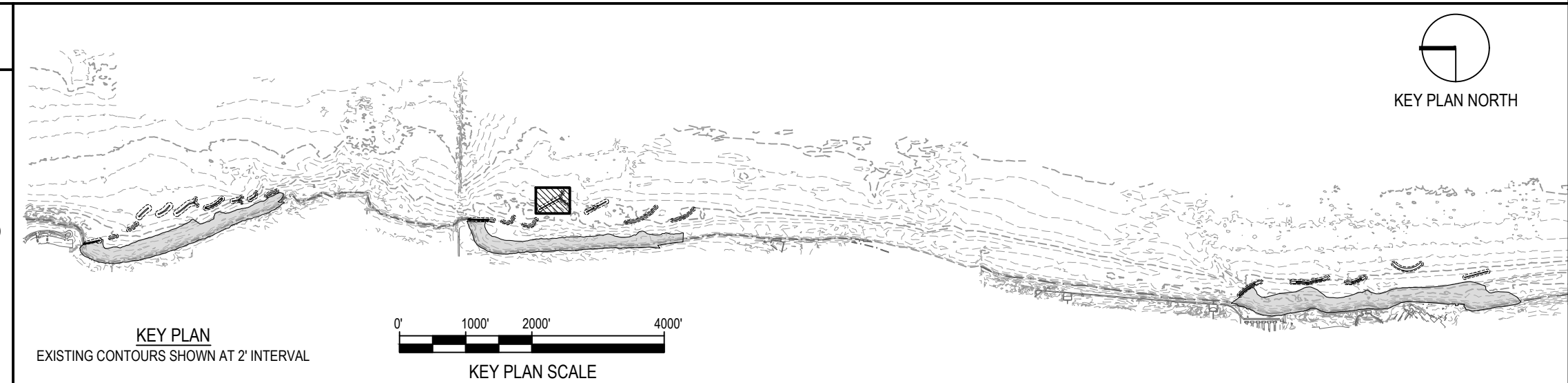
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SHEET NOTES

LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- · · PROFILE - FINISH GRADE AT REFERENCE LINE
- · - · PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- - - - SECTION - FINISH BEACH GRADE

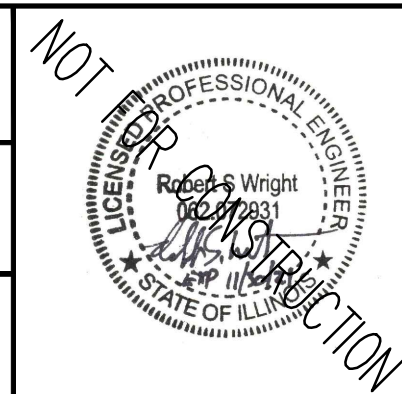


NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS

NO.	DATE	REMARKS

DRAWN	PREPARED
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TRACED	APPROVED
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CHECKED	APPROVED
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Illinois Capital Development Board

SECTIONS - BW2.4 (STA 2402+00 TO 2403+75)

ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
1 LAKE FRONT DRIVE
ZION, LAKE COUNTY, ILLINOIS

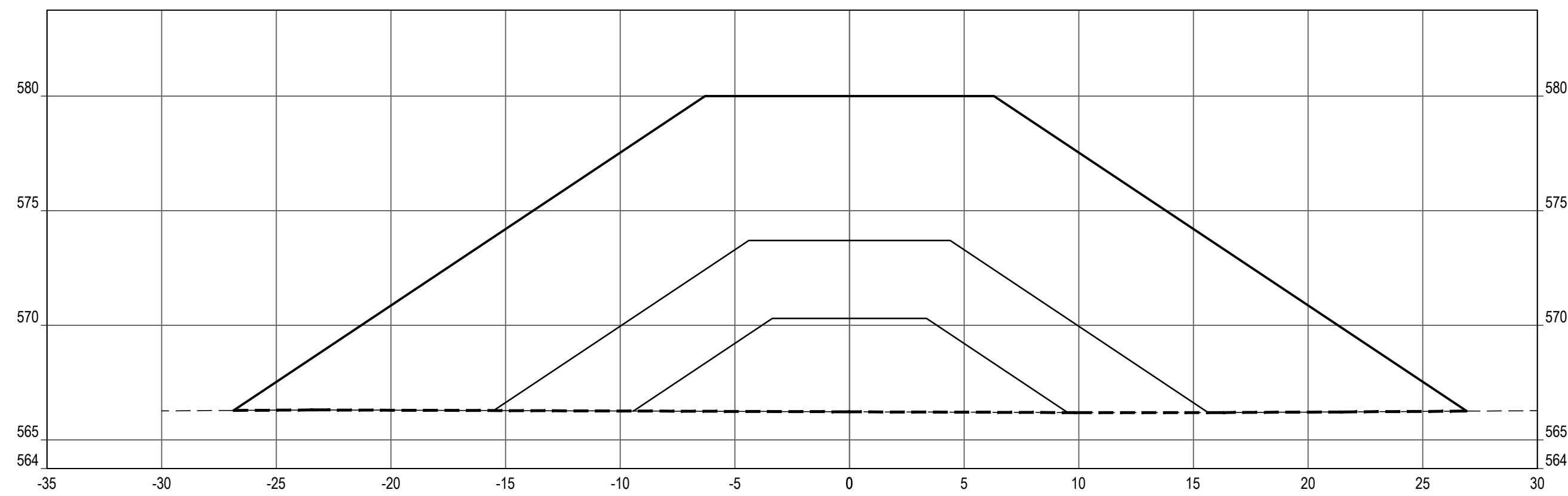
PROJECT NO.
102-311-099

DATE
02/26/2021

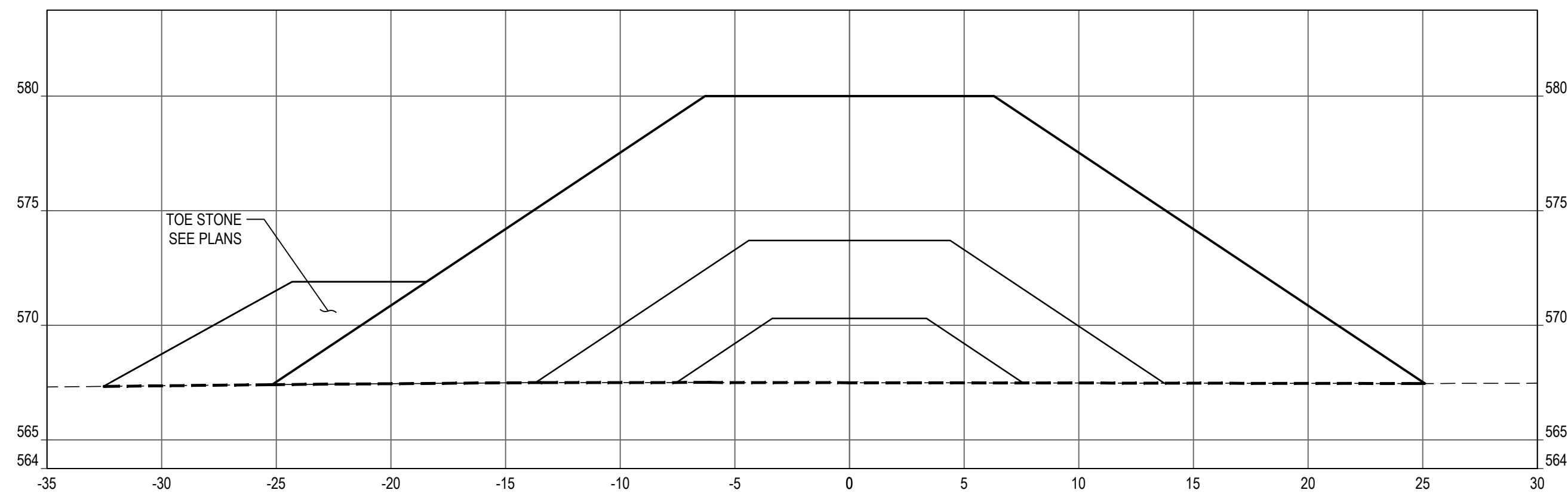
SHEET NO.
C-218

OF (124) SHEETS

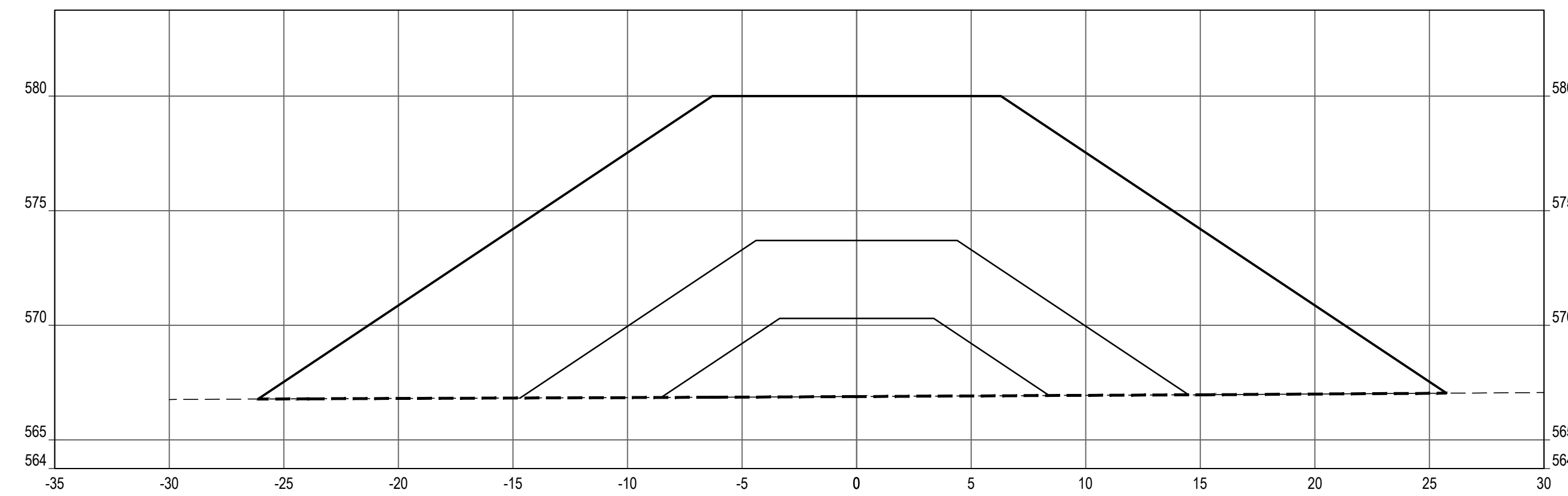
2418+25.00



2417+35.00



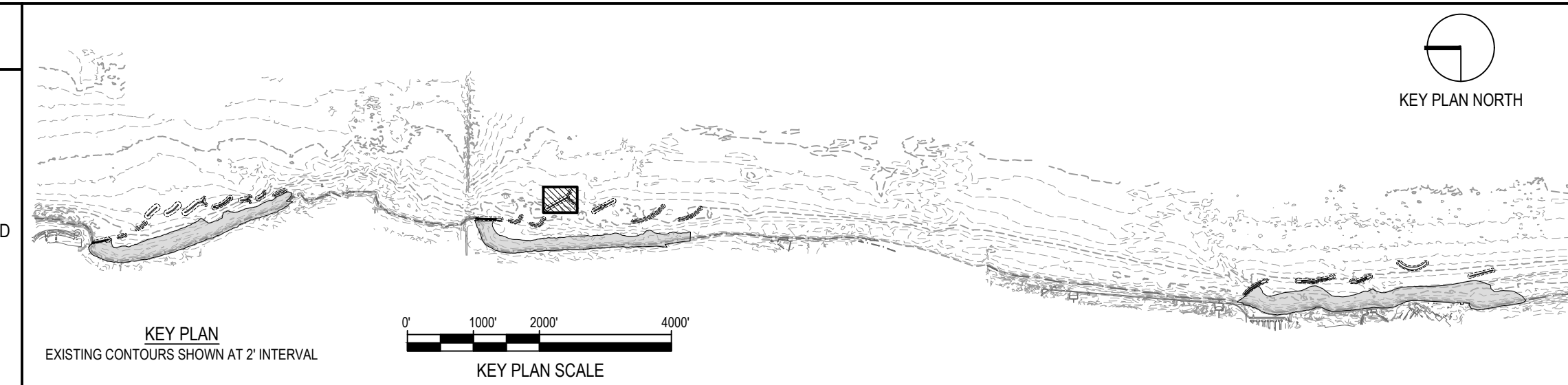
2417+75.00



SHEET NOTES

LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



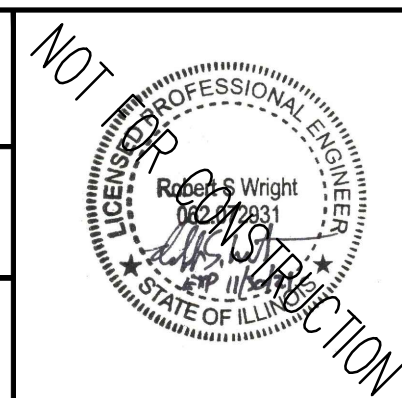
NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS

NO.	DATE	REMARKS

DRAWN	PREPARED
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TRACED	APPROVED
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CHECKED	APPROVED
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NOT FOR CONSTRUCTION



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SECTIONS - BW2.4 (STA 2417+35 TO 2418+25)

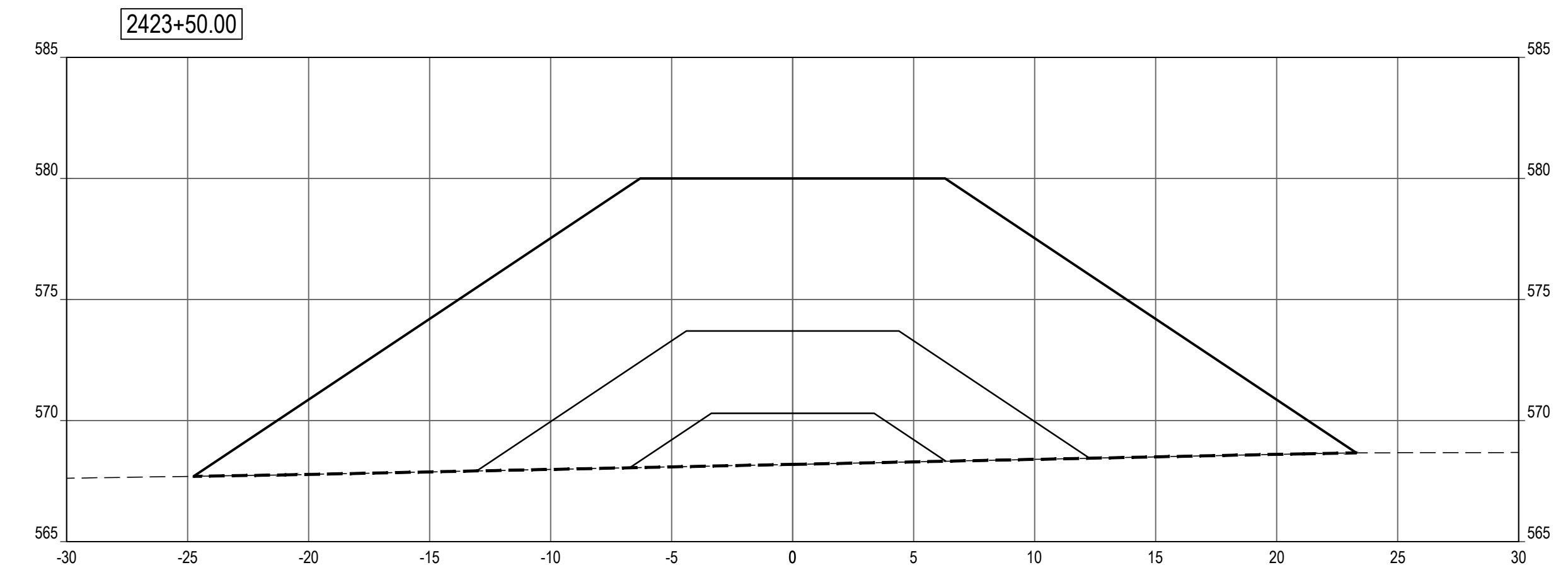
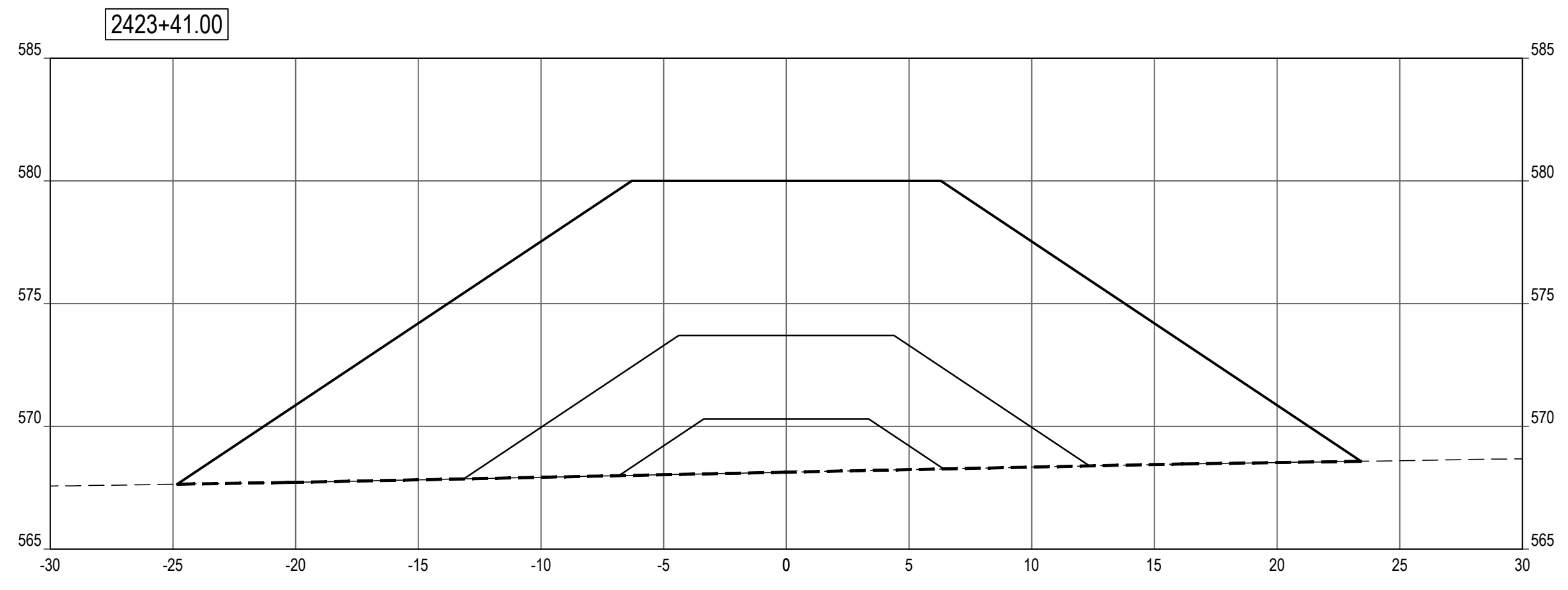
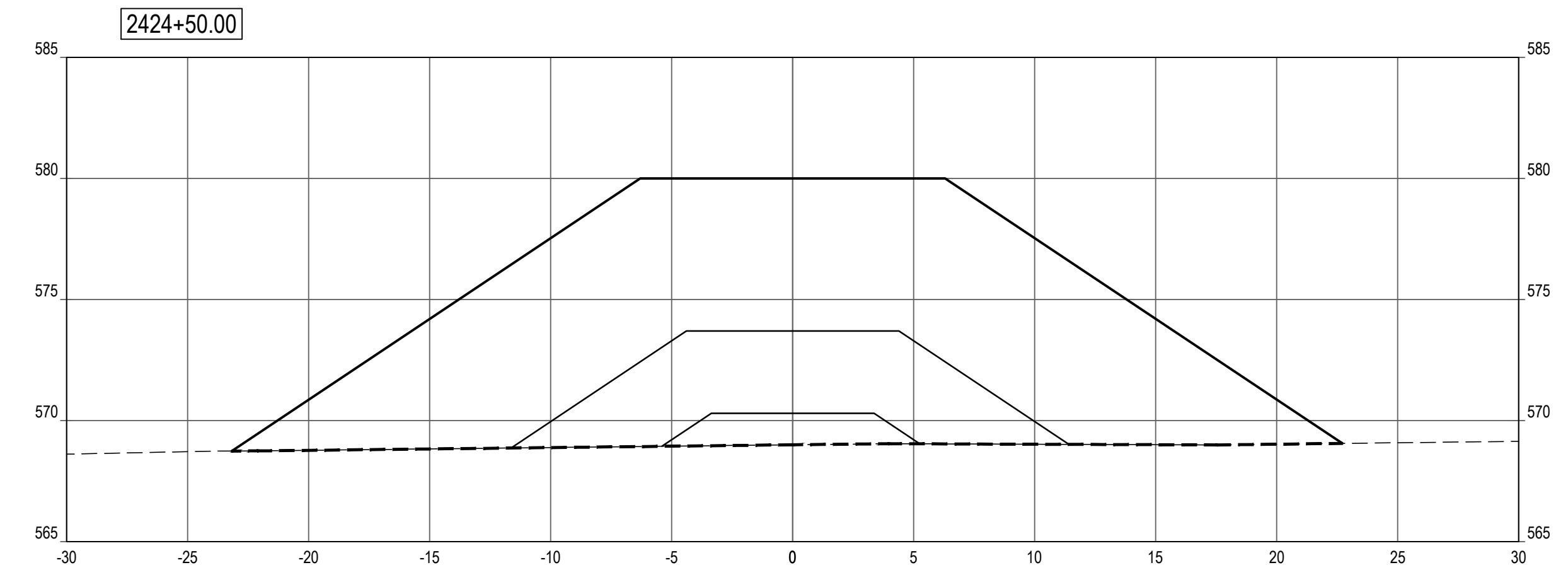
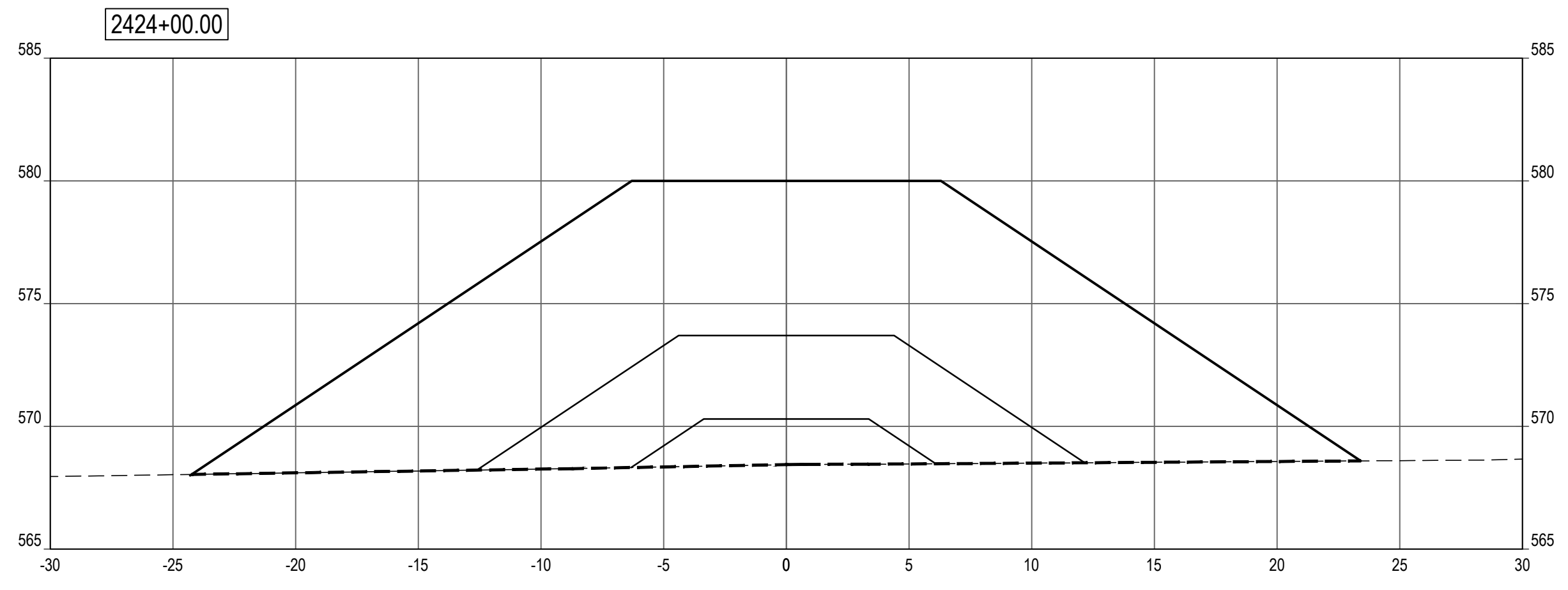
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO.
102-311-099

DATE
02/26/2021

SHEET NO.
C-219

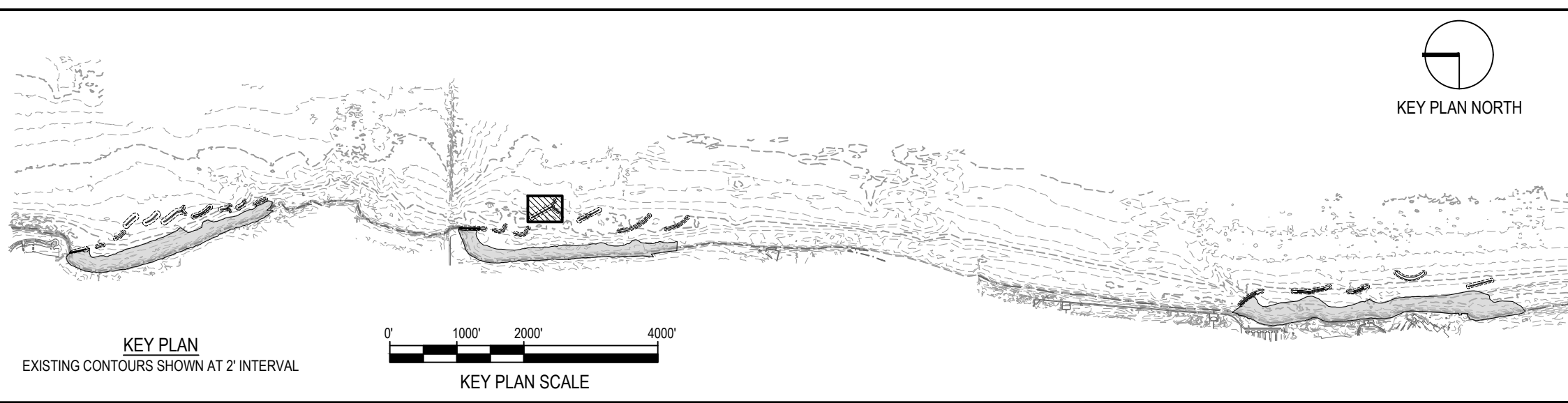
OF (124) SHEETS



SHEET NOTES

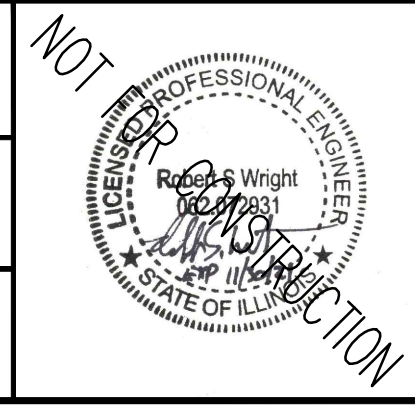
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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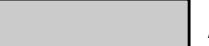
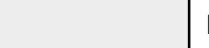
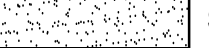

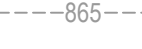

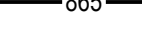
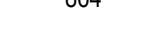
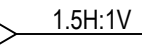



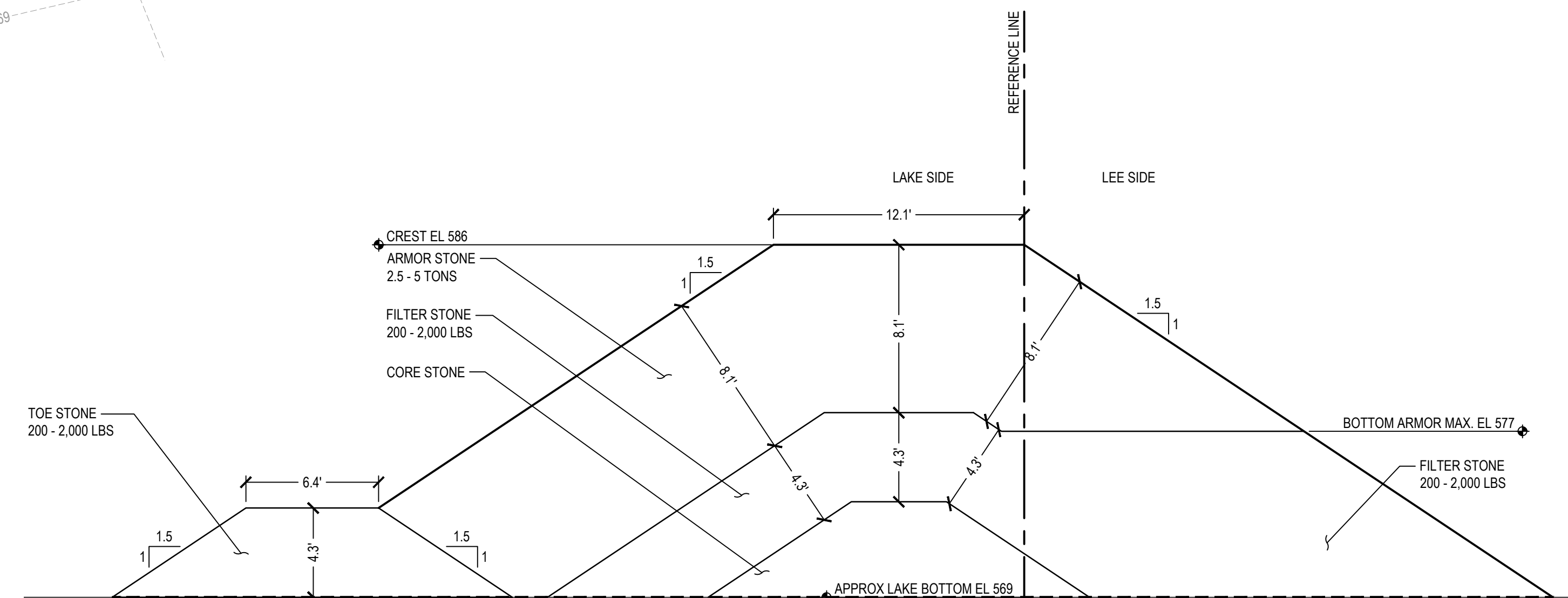
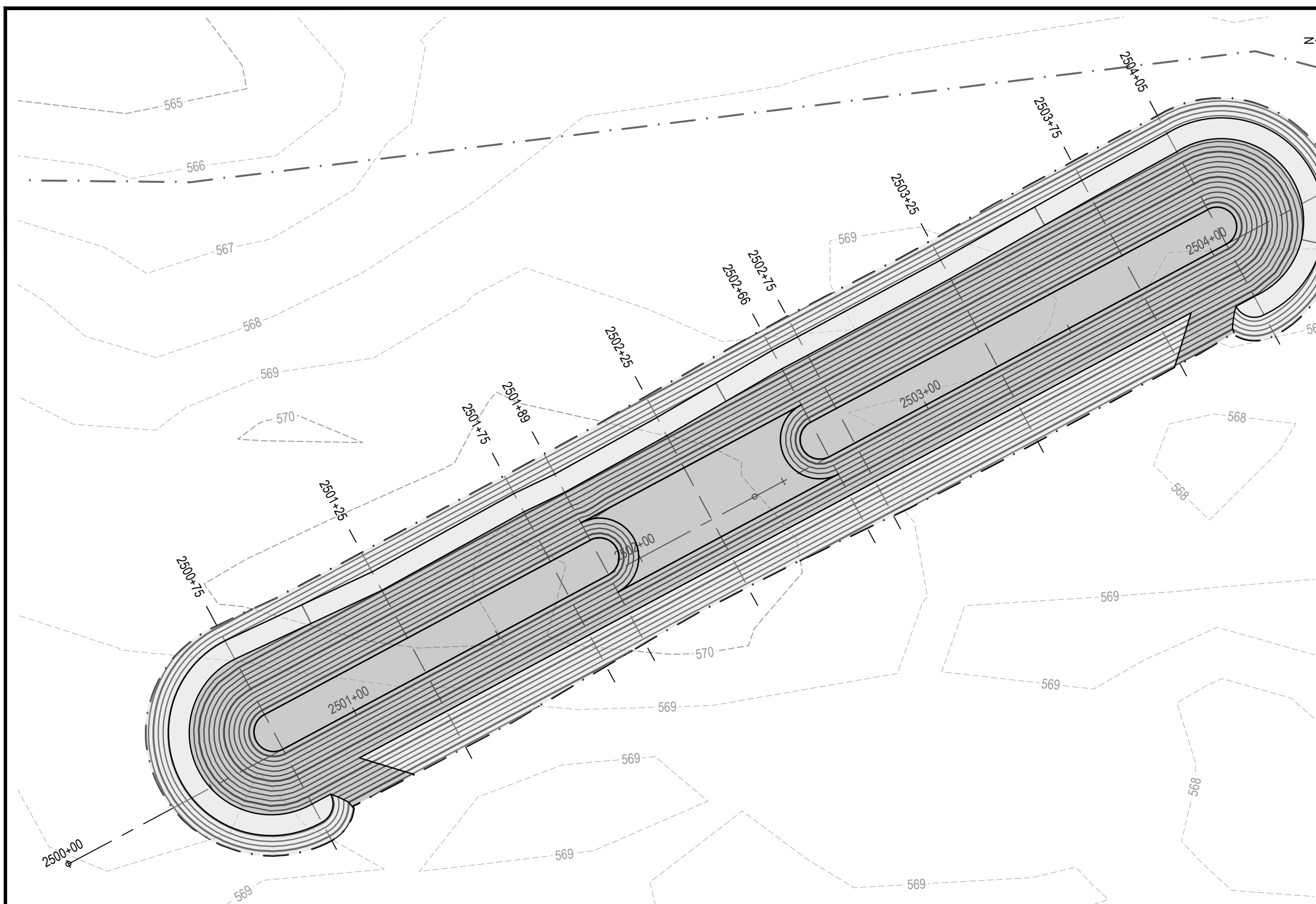
State of Illinois
JB PRITZKER, GOVERNOR
 Illinois Capital Development Board

SECTIONS - BW2.4 (STA 2423+41 TO 2424+50)		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-220
		OF (124) SHEETS

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LEGEND

-  ARMOR STONE
-  FILTER STONE / TOE STONE
-  SAND BEACH
-  NAVIGATION AID
-  -865- EXISTING MAJOR CONTOUR
-  -864- EXISTING MINOR CONTOUR
-  865 PROPOSED MAJOR CONTOUR
-  864 PROPOSED MINOR CONTOUR
- GRADING LIMITS
-  1.5H:1V COASTAL STRUCTURE SIDE SLOPE
-  --- SECTION - COMPOSITE GEOTEXTILE GEOGRID

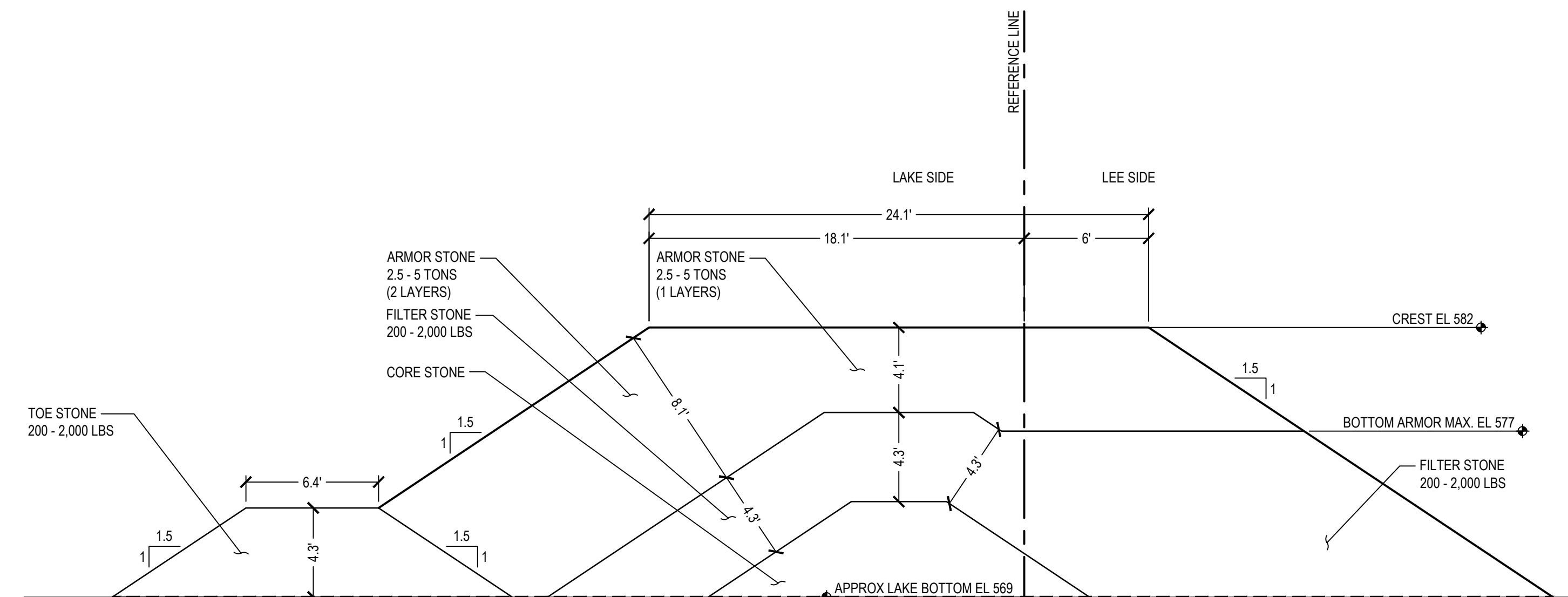


1 BW2.5 LAYOUT & GRADING
PLAN

SCALE: 1" = 30'

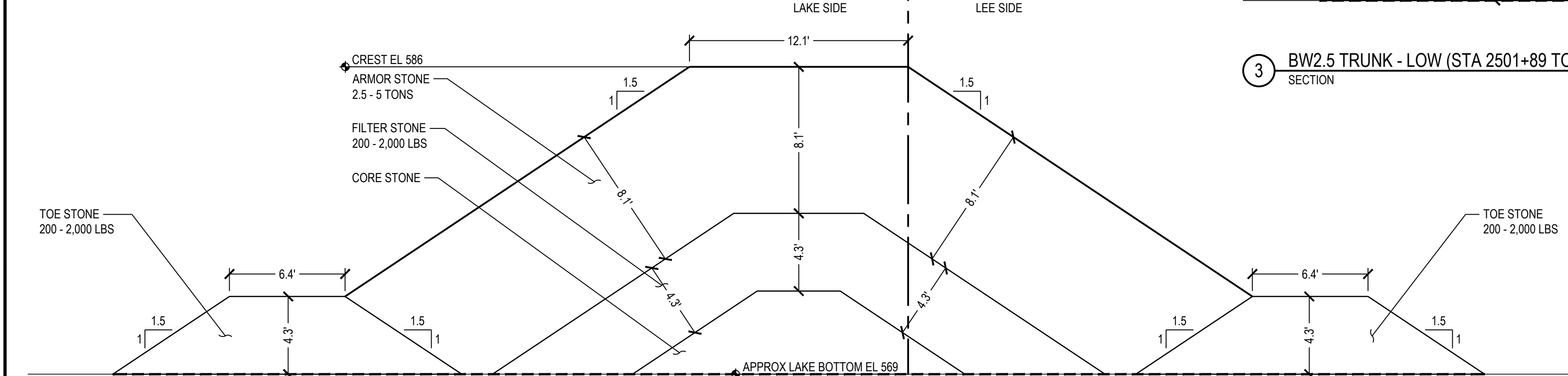
2 BW2.5 TRUNK (STA 2500+75 TO 2501+89 AND STA 2502+66 TO 2504+05)
SECTION

SCALE: 1" = 5'



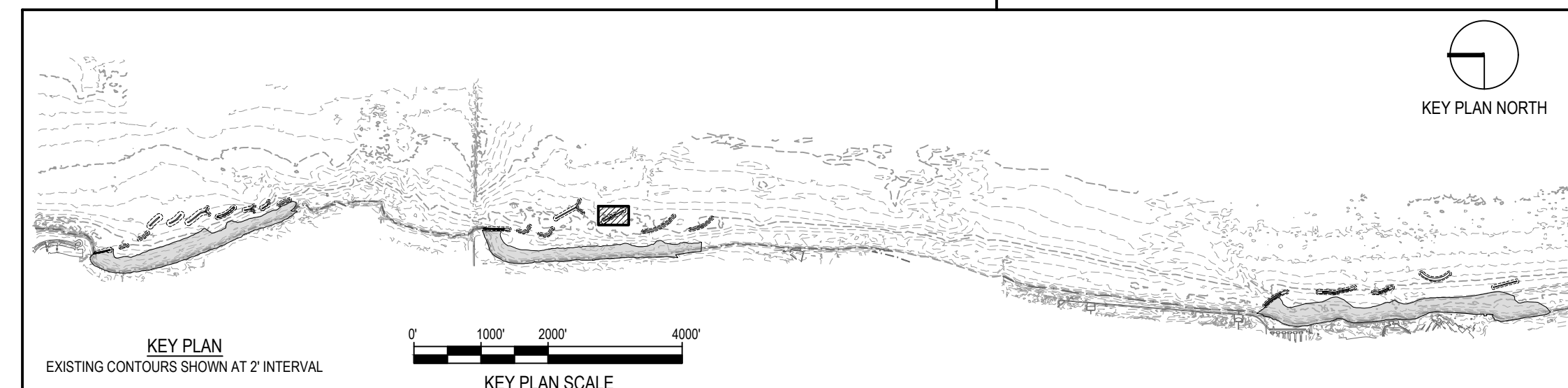
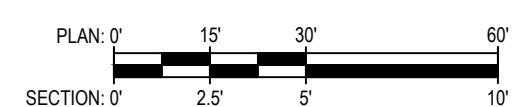
3 BW2.5 TRUNK - LOW (STA 2501+89 TO 2502+66)
SECTION

SCALE: 1" = 5'



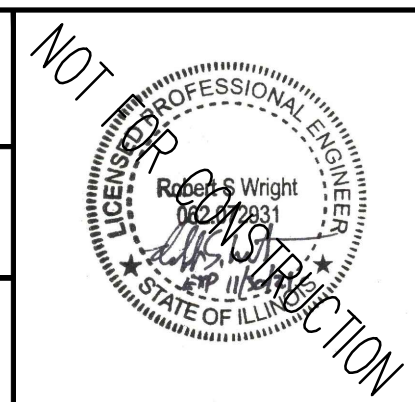
4 BW2.5 HEAD (START TO STA 2500+75 AND STA 2504+05 TO END)
SECTION

SCALE: 1" = 5'

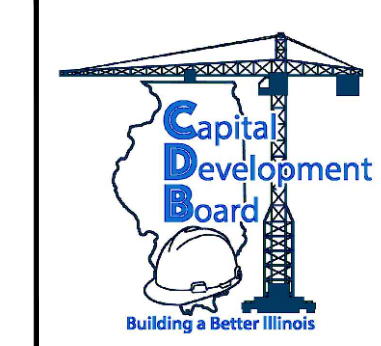


NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---



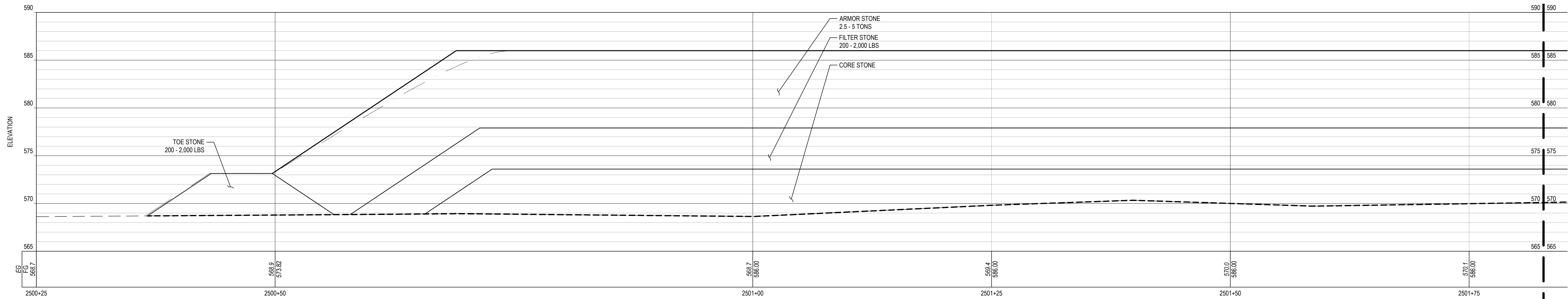
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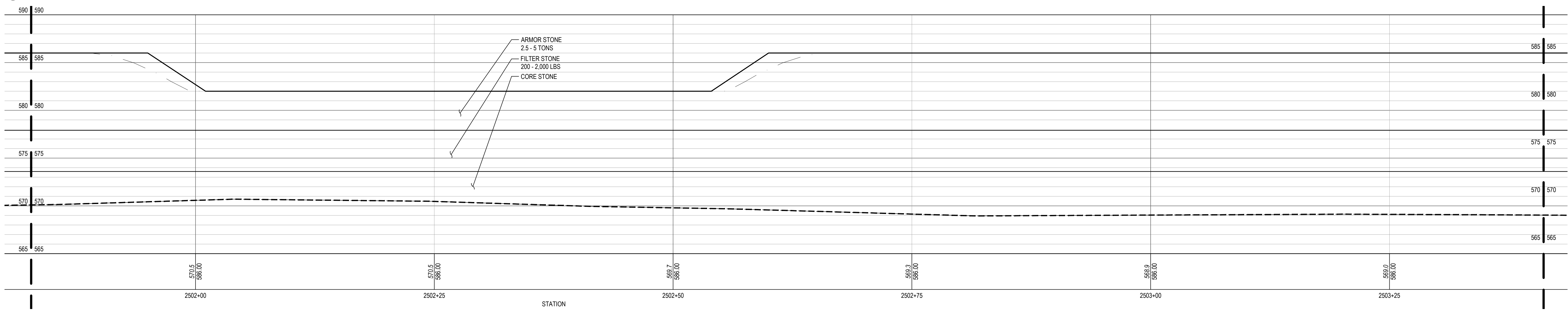
State of Illinois
JB PRITZKER, GOVERNOR
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PLAN & TYPICAL SECTIONS - BW2.5		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION		DATE 02/26/2021
1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		SHEET NO. C-221
		OF (124) SHEETS

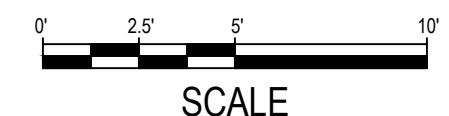
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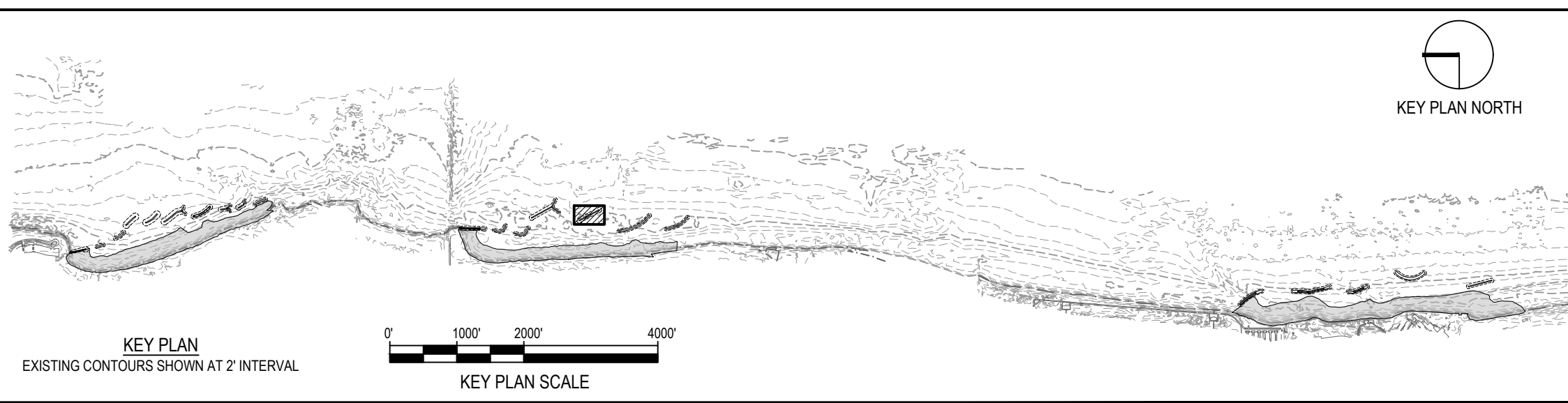
1 BW2.5 PROFILE



2 BW2.5 PROFILE

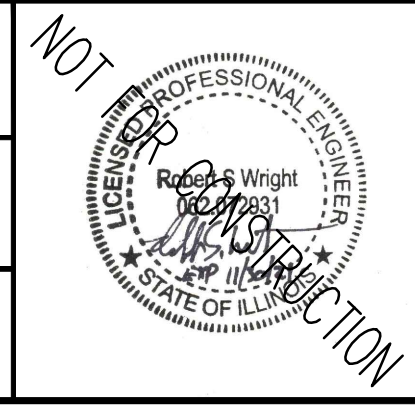


SHEET NOTES	LEGEND
1. STONE LAYERS IN PROFILE ARE SHOWN AT CENTERLINE OF STRUCTURE CREST, WHICH IS NOT THE SAME AS THE REFERENCE LINE. PROFILE FINISH GRADE AT THE REFERENCE LINE IS SHOWN FOR CONTEXT.	<ul style="list-style-type: none"> --- PROFILE / SECTION - EXISTING GRADE — PROFILE - FINISH GRADE AT CENTERLINE - - - PROFILE - FINISH GRADE AT REFERENCE LINE - - - PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID ----- SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



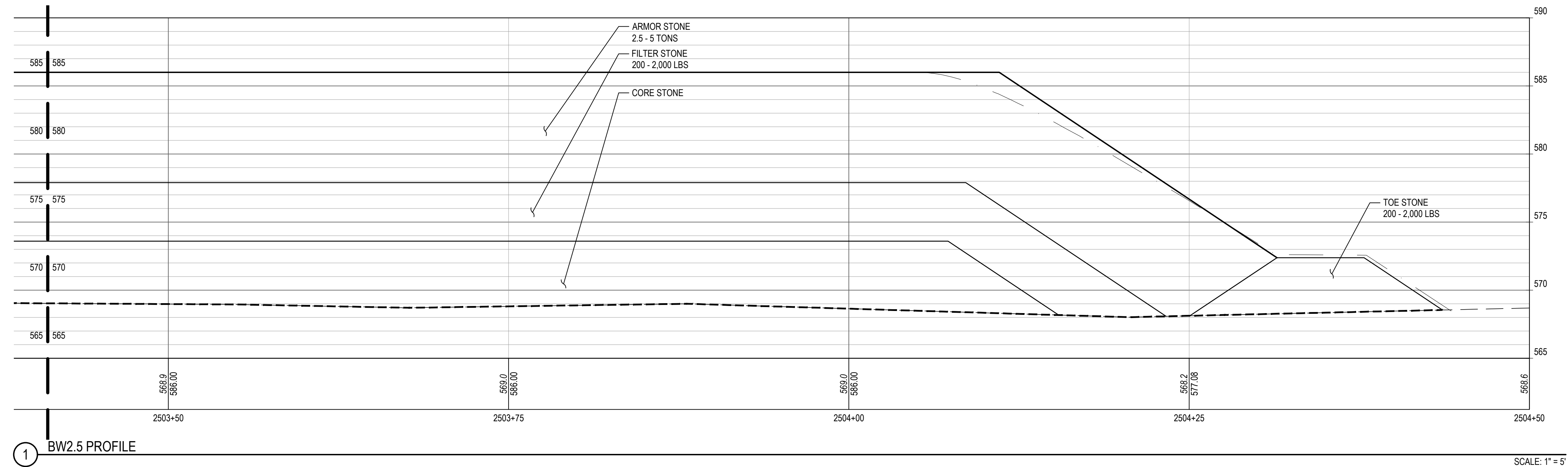
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Illinois Capital Development Board

PROFILE - BW2.5	PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION	DATE 02/26/2021
1 LAKE FRONT DRIVE	SHEET NO. C-222
ZION, LAKE COUNTY, ILLINOIS	OF (124) SHEETS

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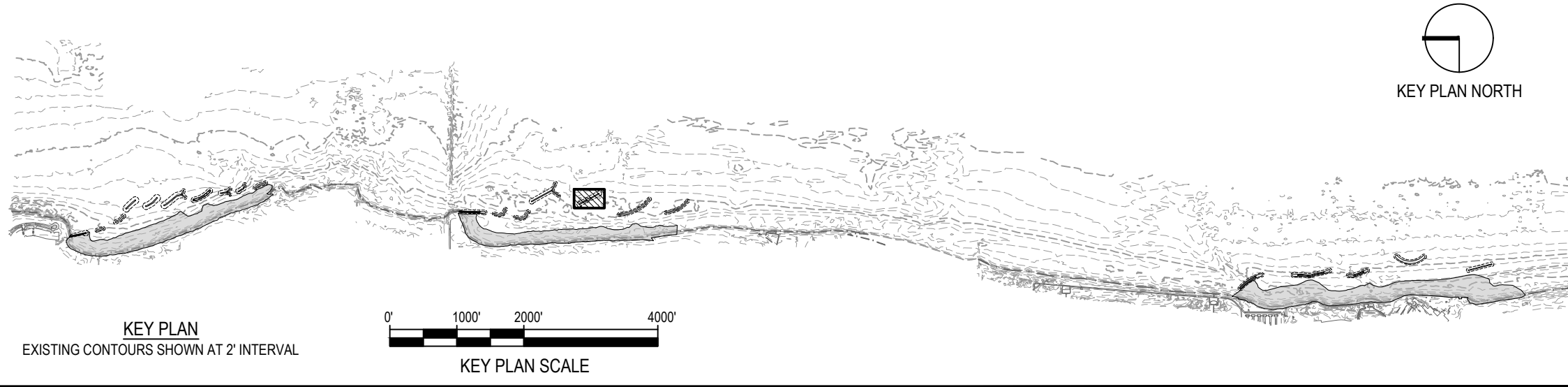


1 BW2.5 PROFILE

SCALE: 1" = 5'

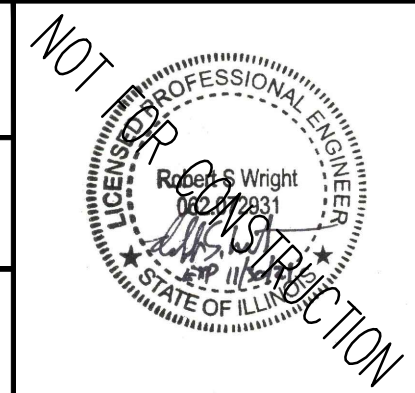


SHEET NOTES	LEGEND
<p>1. STONE LAYERS IN PROFILE ARE SHOWN AT CENTERLINE OF STRUCTURE CREST, WHICH IS NOT THE SAME AS THE REFERENCE LINE. PROFILE FINISH GRADE AT THE REFERENCE LINE IS SHOWN FOR CONTEXT.</p>	<p>--- PROFILE / SECTION - EXISTING GRADE</p> <p>— PROFILE - FINISH GRADE AT CENTERLINE</p> <p>— PROFILE - FINISH GRADE AT REFERENCE LINE</p> <p>--- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID</p> <p>--- SECTION - FINISH BEACH GRADE</p>



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



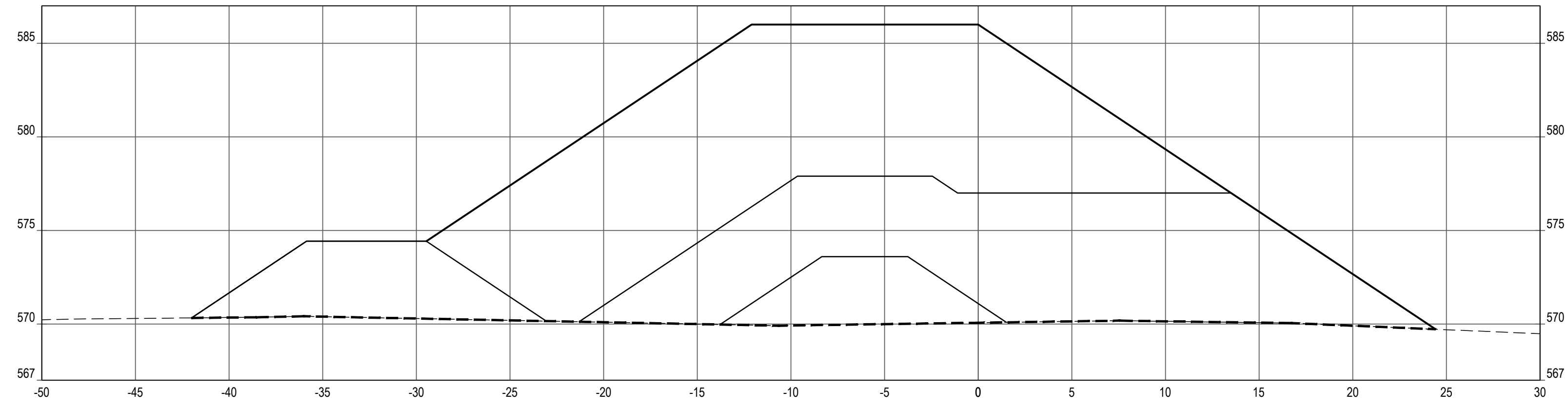
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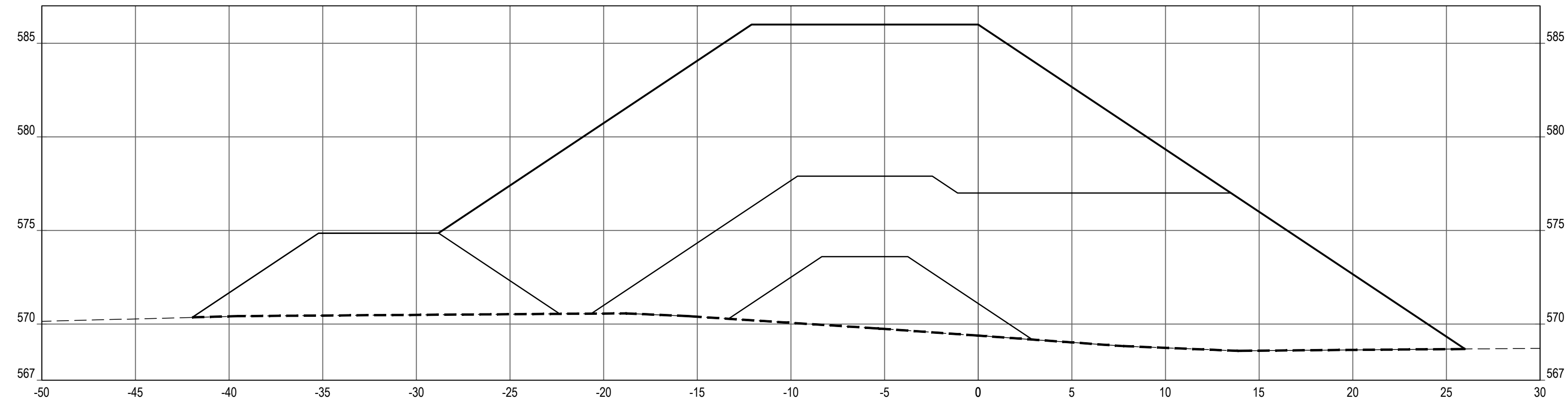
State of Illinois
JB PRITZKER, GOVERNOR
 Illinois Capital Development Board

PROFILE - BW2.5	PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS	DATE 02/26/2021
	SHEET NO. C-223
	OF (124) SHEETS

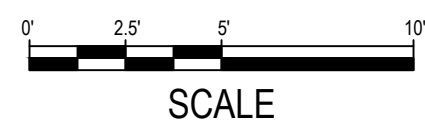
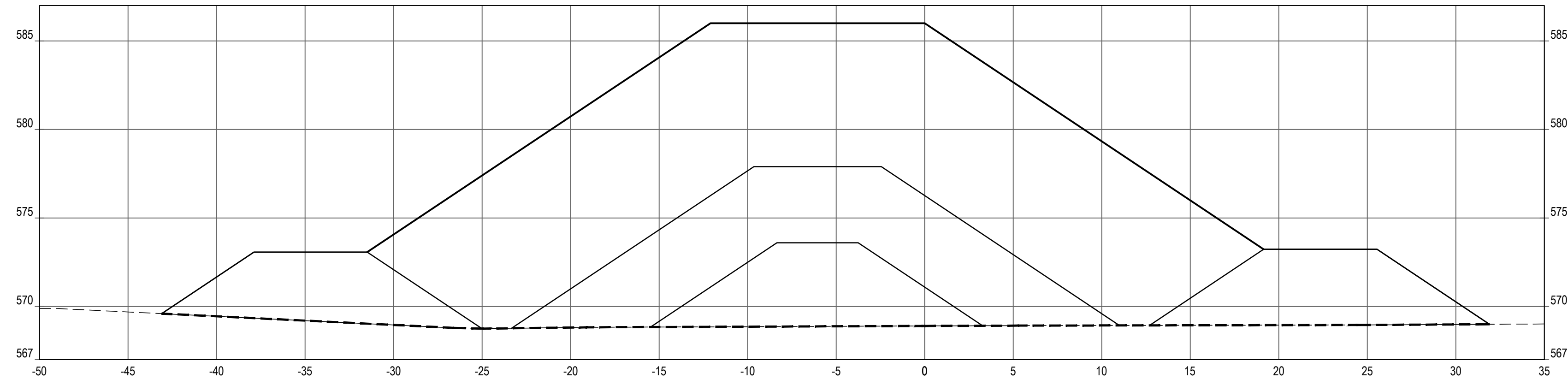
2501+75.00



2501+25.00



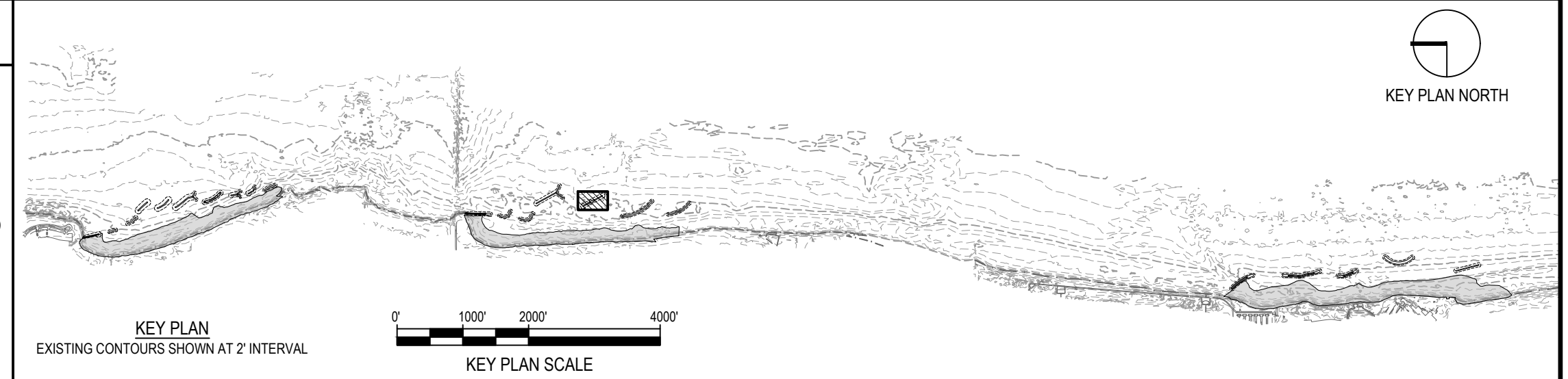
2500+75.00



SHEET NOTES

LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE

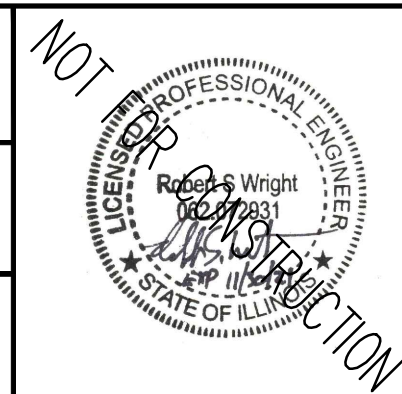


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REVISIONS

NO.	DATE	REMARKS

DRAWN	PREPARED
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CHECKED	APPROVED
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SECTIONS - BW2.5 (STA 2500+75 TO 2501+75)

ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

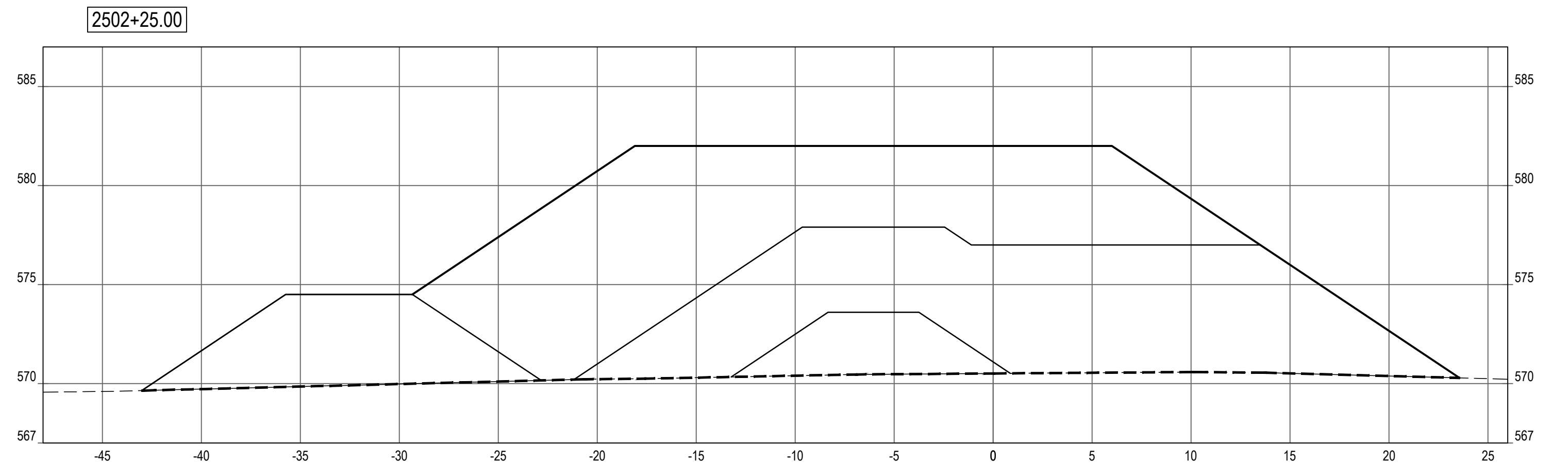
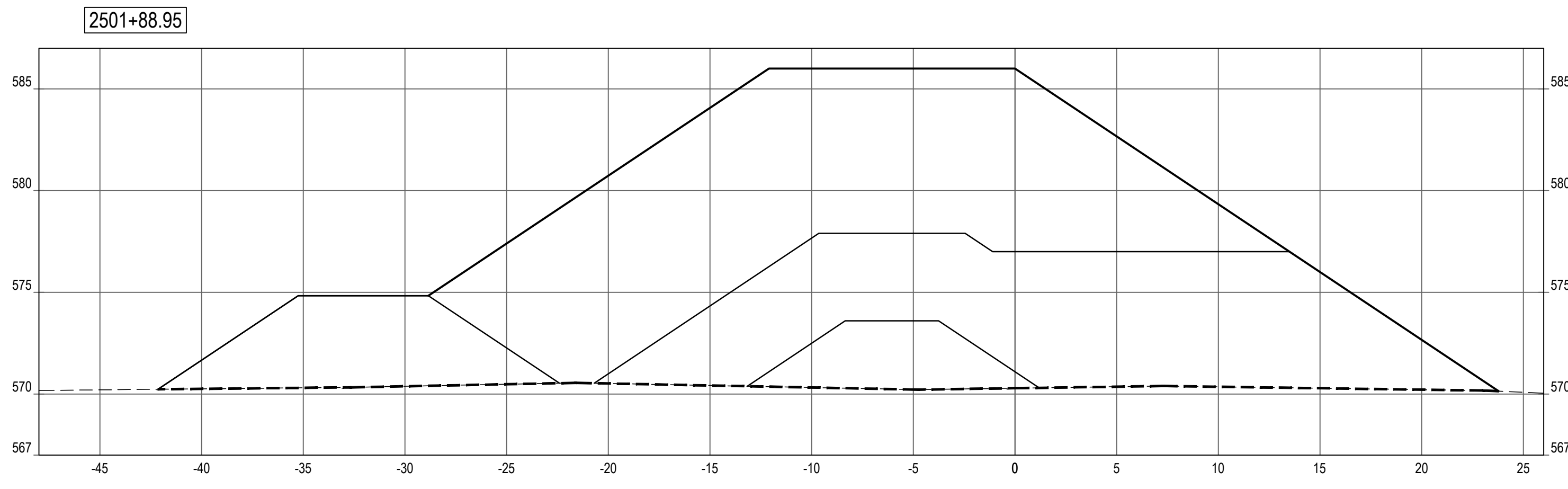
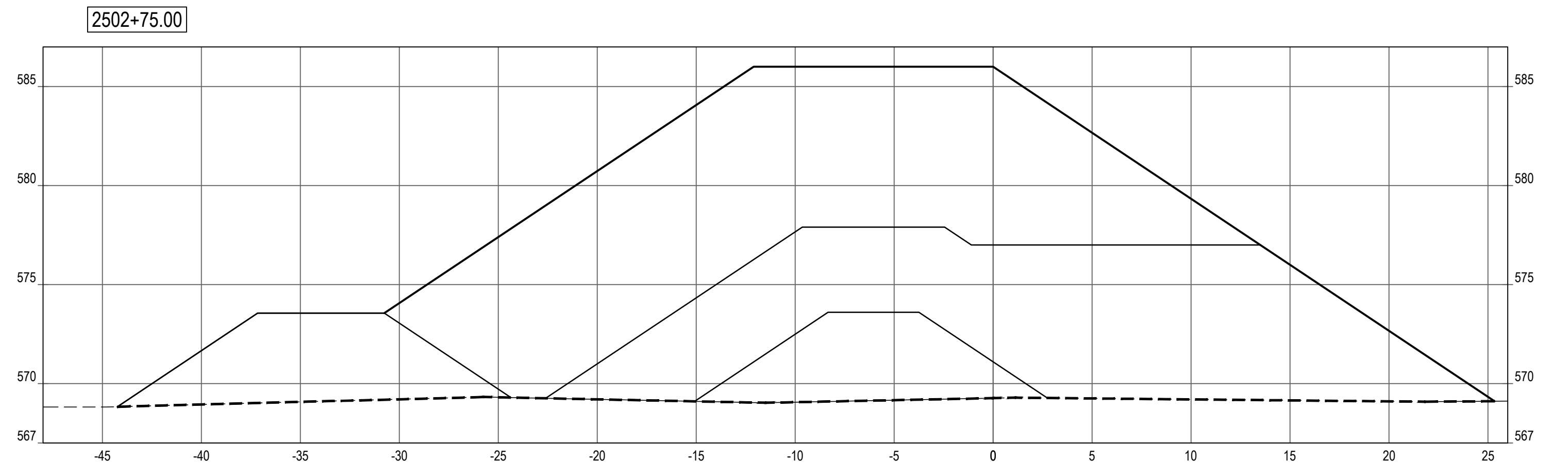
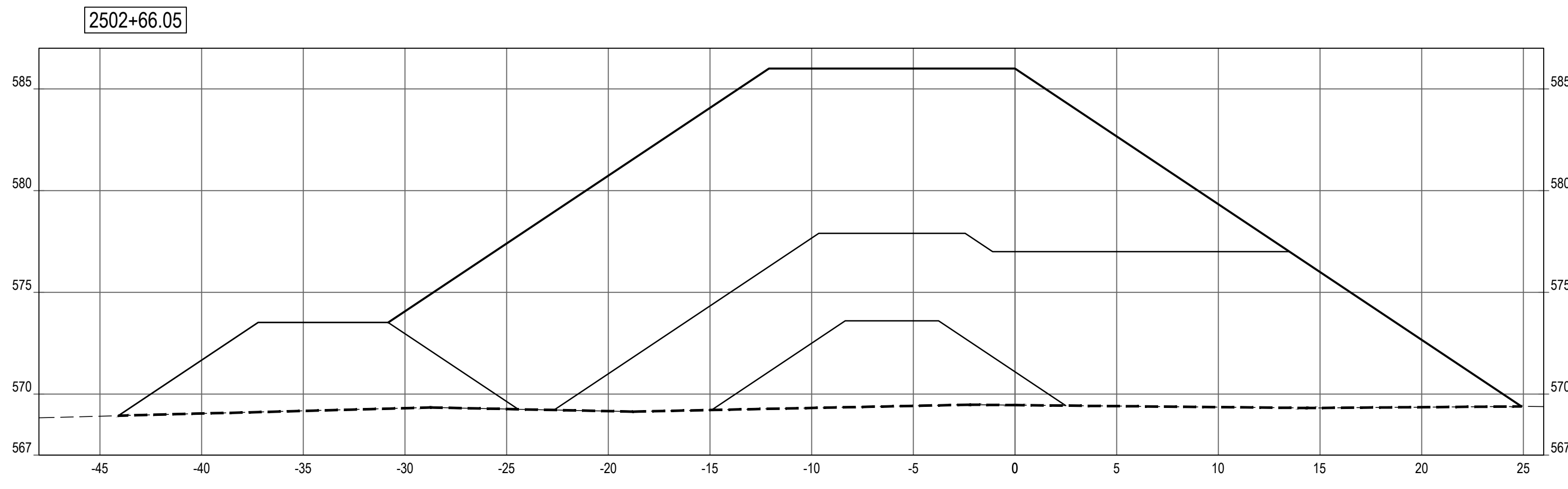
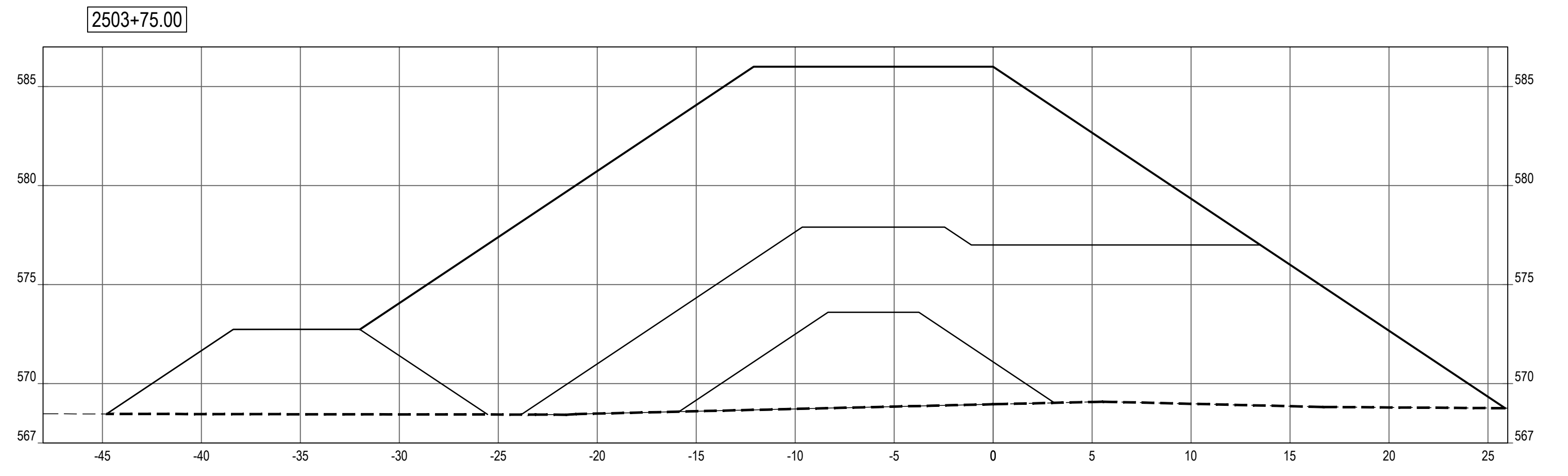
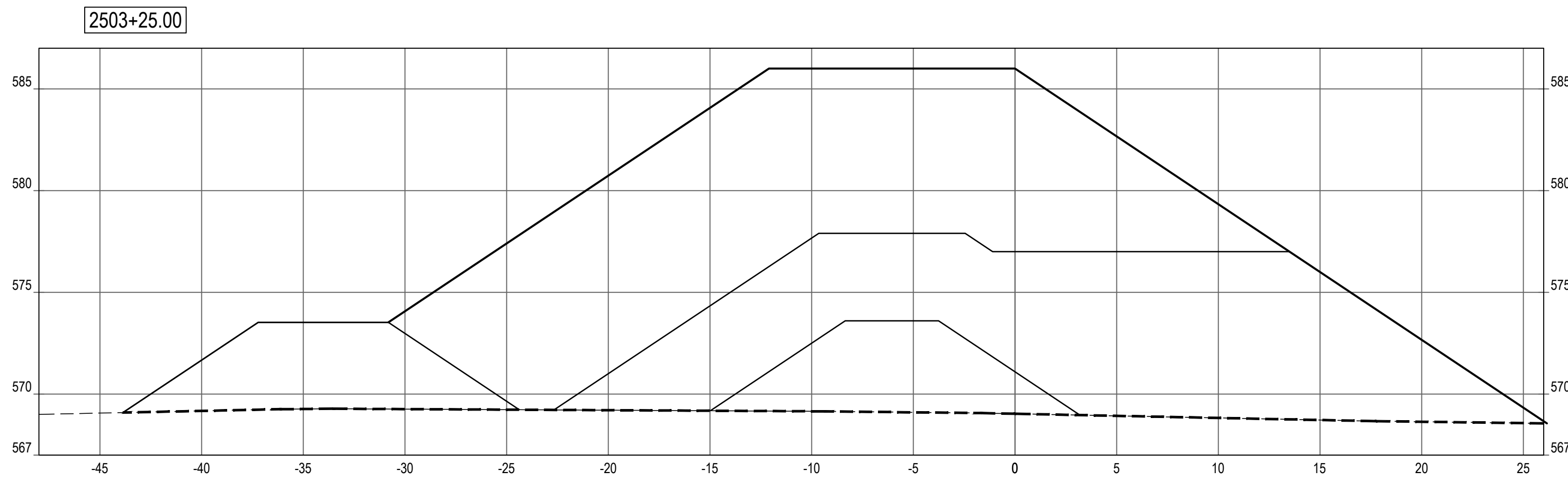
PROJECT NO. 102-311-099

DATE 02/26/2021

SHEET NO.

C-224

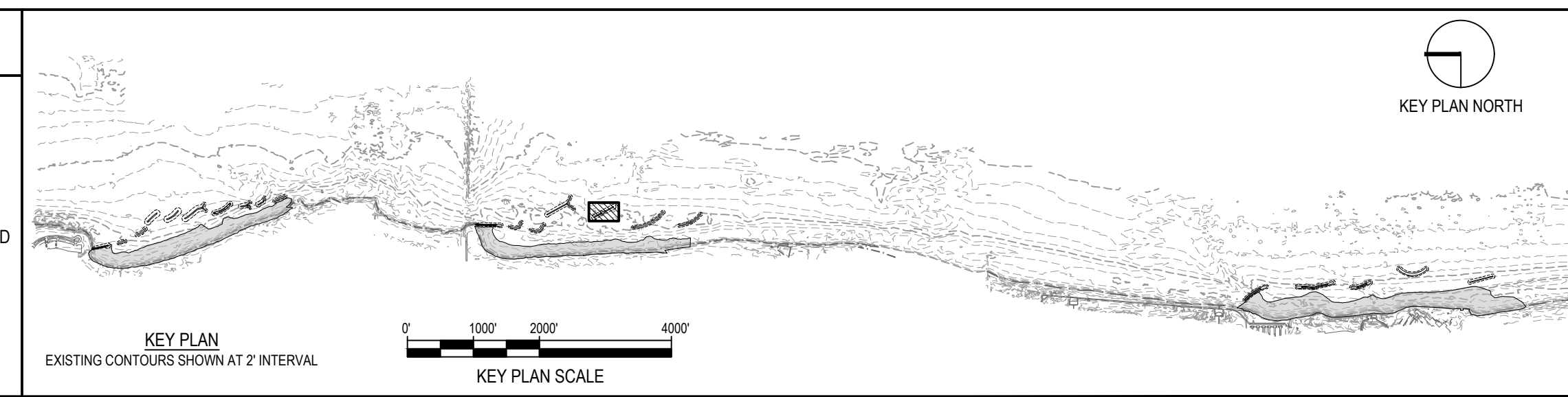
OF (124) SHEETS



SHEET NOTES

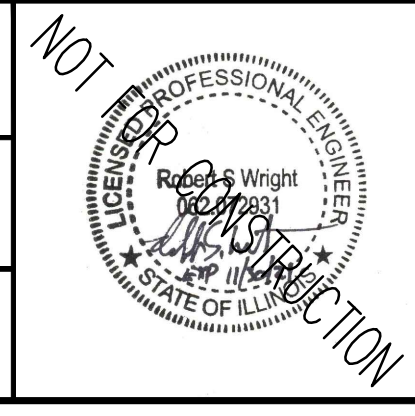
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- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- - - - PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- - - - SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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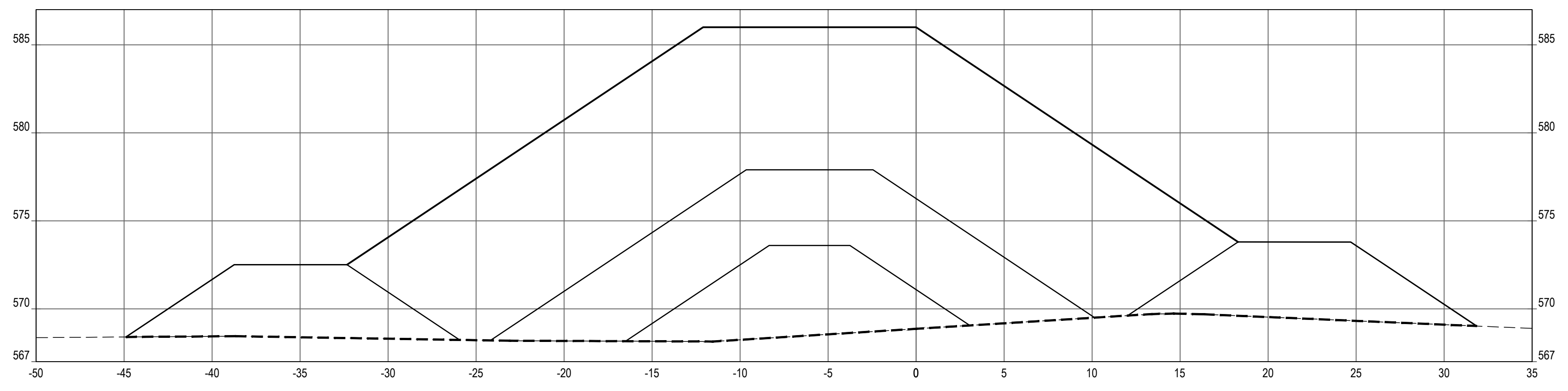
SECTIONS - BW2.5 (STA 2501+89 TO 2503+75)

ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-225**
 OF (124) SHEETS

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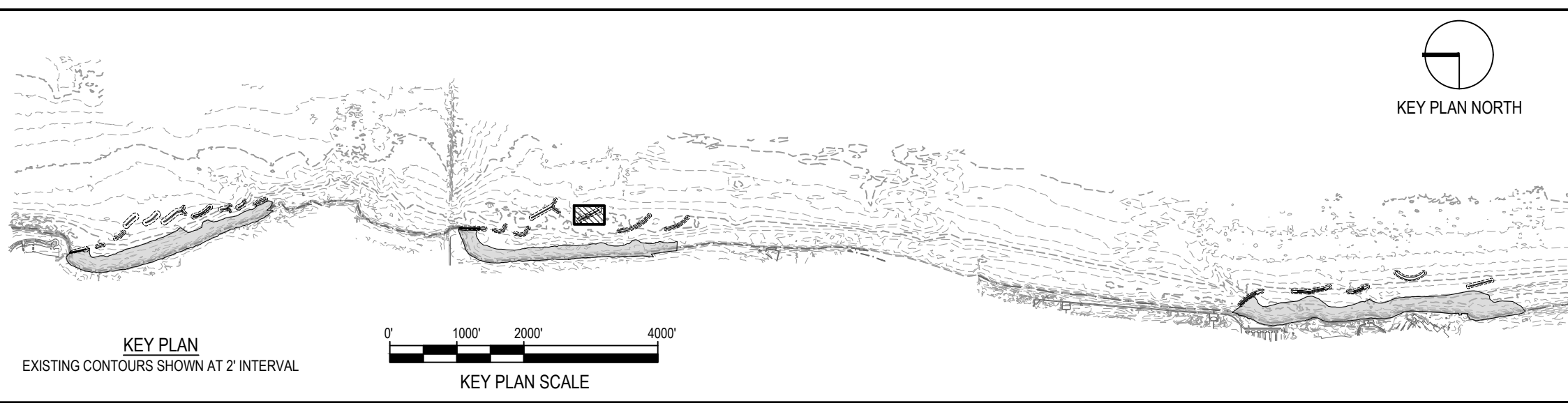
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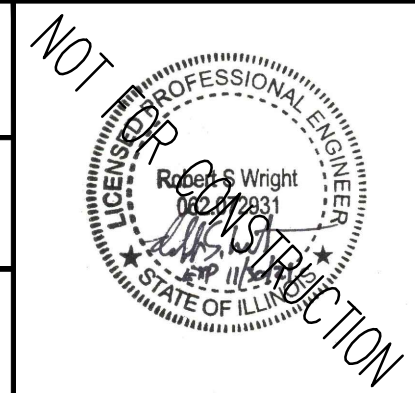
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- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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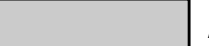
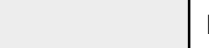
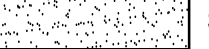



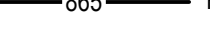
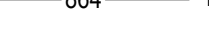
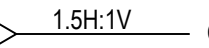
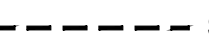
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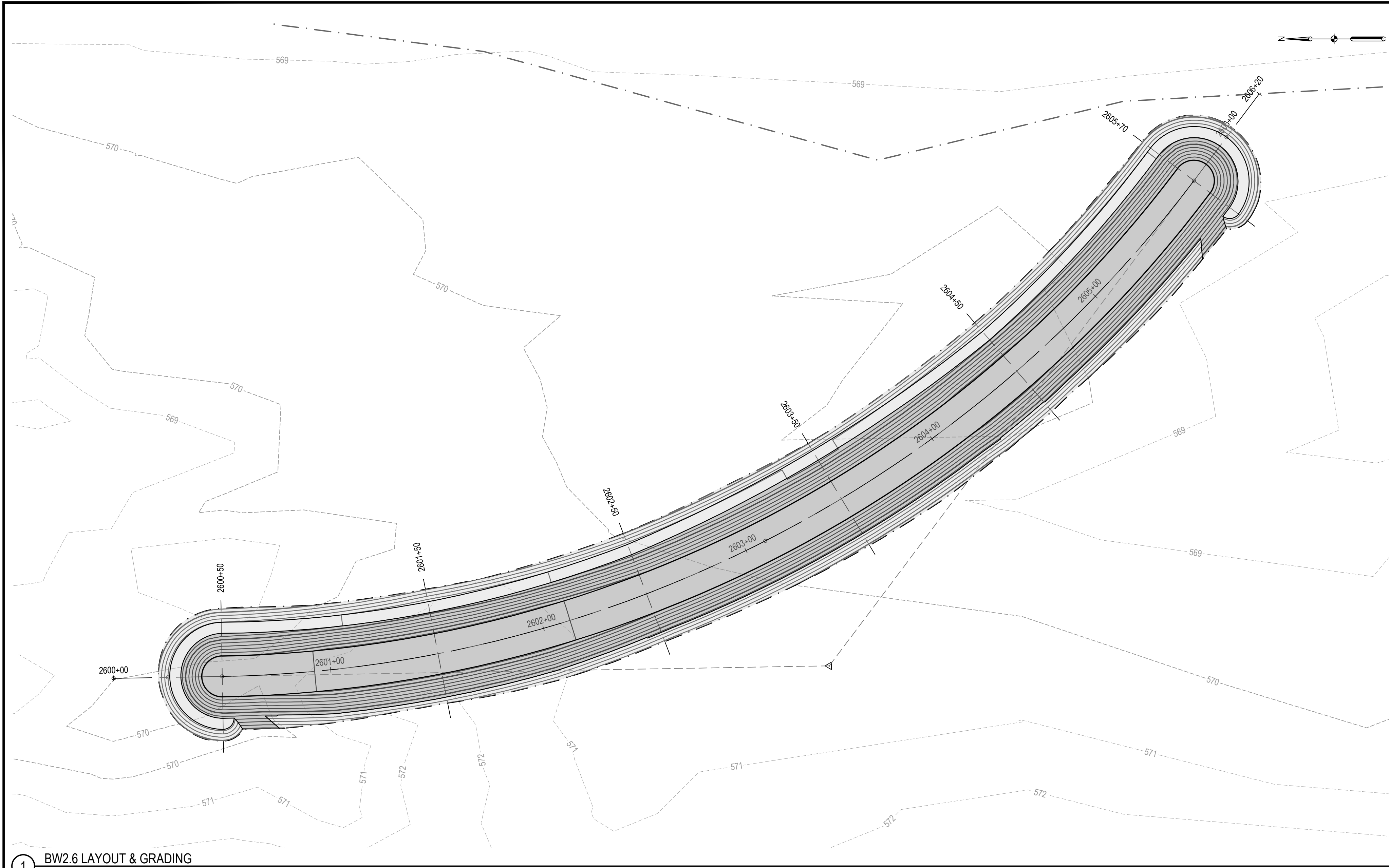
SECTIONS - BW2.5 (STA 2504+05)	PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS	DATE 02/26/2021
	SHEET NO. C-226
	OF (124) SHEETS

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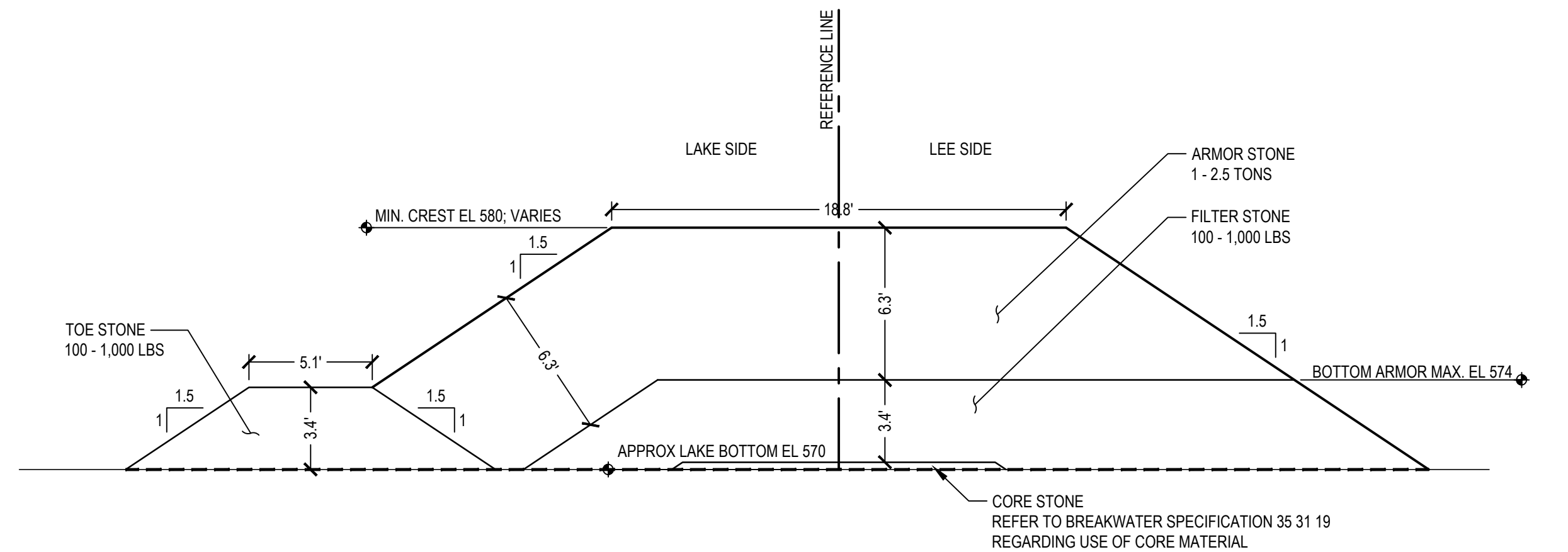
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-  ARMOR STONE
-  FILTER STONE / TOE STONE
-  SAND BEACH
-  NAVIGATION AID
-  865 - - - - - EXISTING MAJOR CONTOUR
-  864 - - - - - EXISTING MINOR CONTOUR
-  865 ———— PROPOSED MAJOR CONTOUR
-  864 ———— PROPOSED MINOR CONTOUR
- GRADING LIMITS
-  1.5H:1V COASTAL STRUCTURE SIDE SLOPE
-  - - - - - SECTION - COMPOSITE GEOTEXTILE GEOGRID



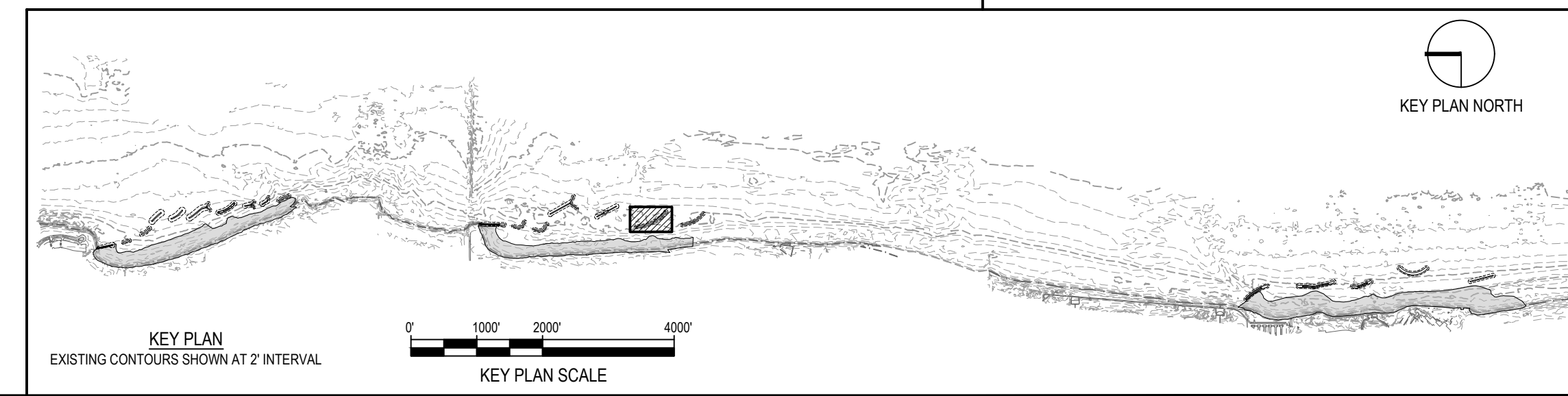
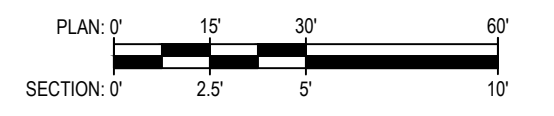
1 BW2.6 LAYOUT & GRADING PLAN

SCALE: 1" = 30'



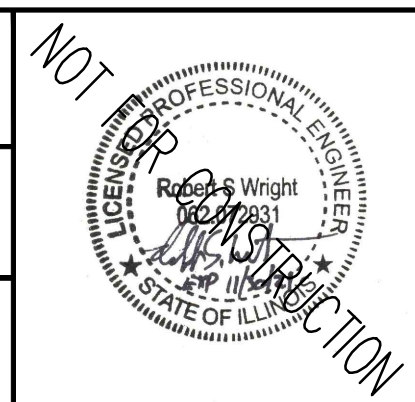
2 BW2.6 TRUNK SECTION

SCALE: 1" = 5'

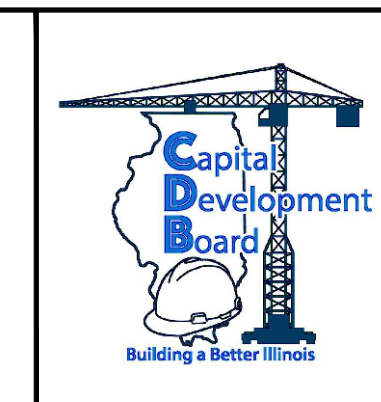


NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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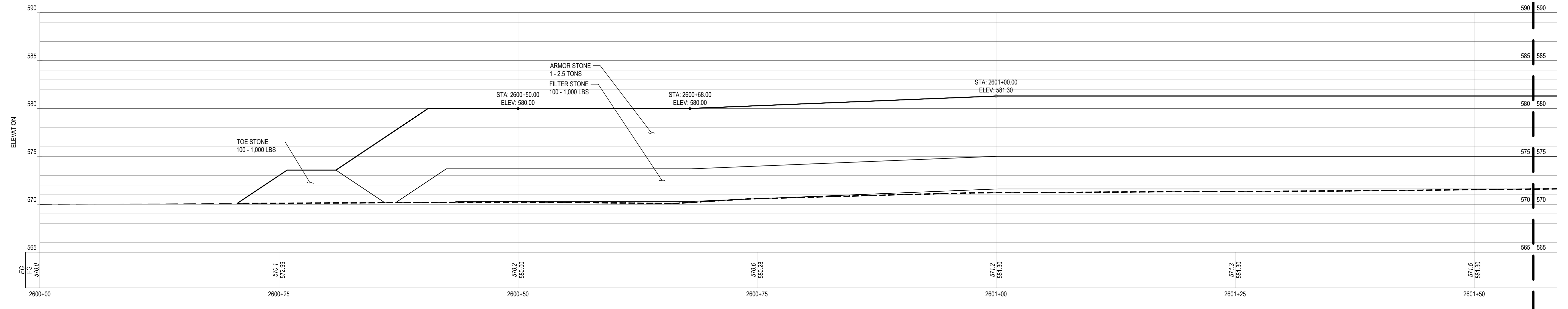


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PLAN & TYPICAL SECTIONS - BW2.6

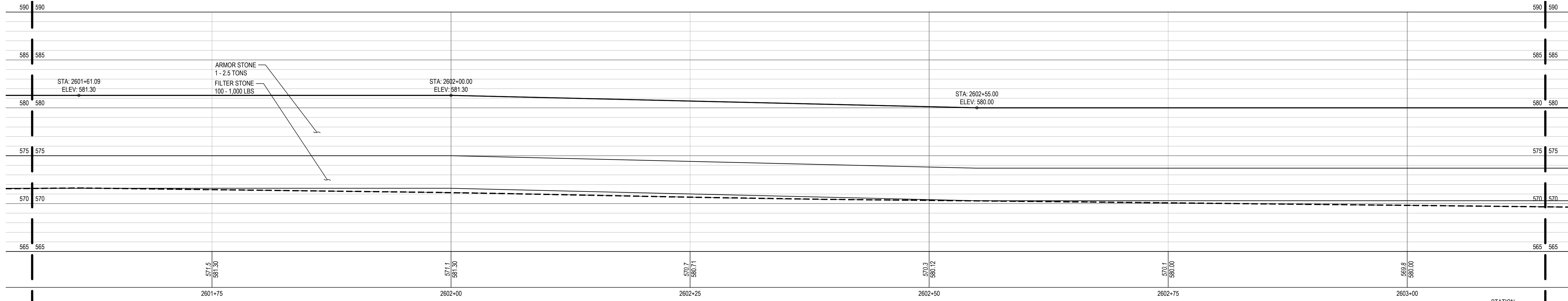
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-227**
 OF (124) SHEETS



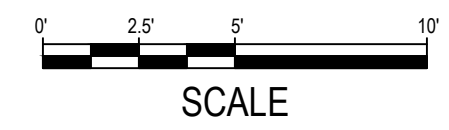
1 BW2.6 PROFILE

SCALE: 1" = 5'

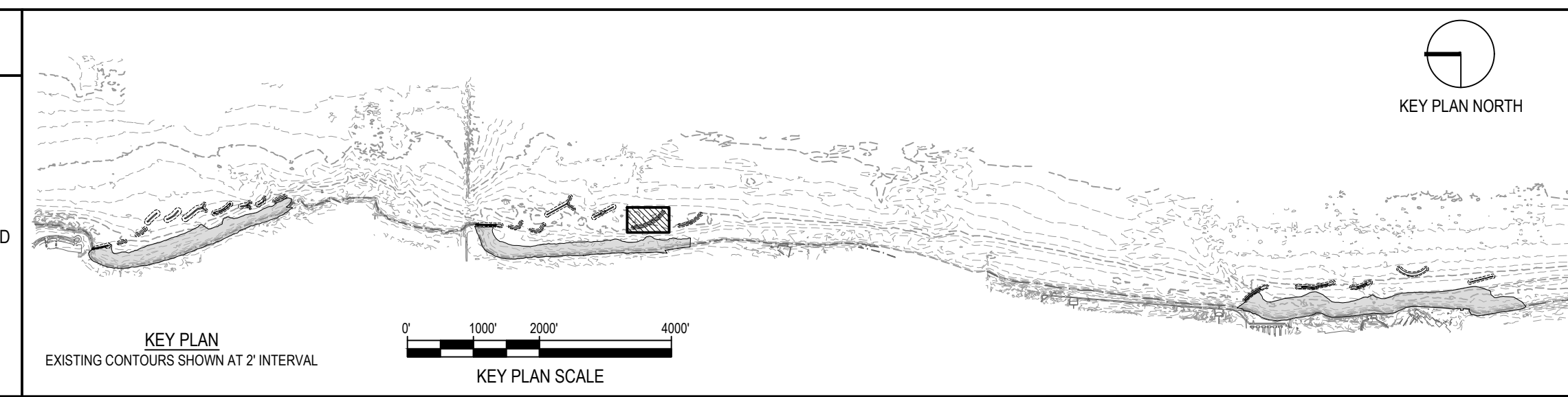


2 BW2.6 PROFILE

SCALE: 1" = 5'

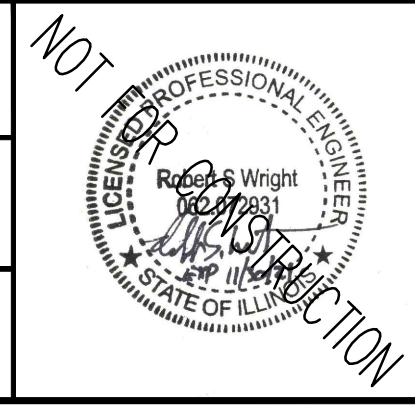


SHEET NOTES	LEGEND
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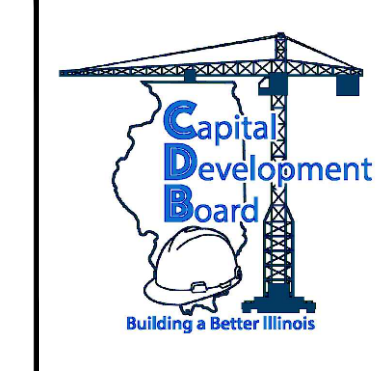


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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
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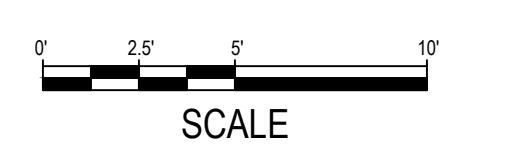
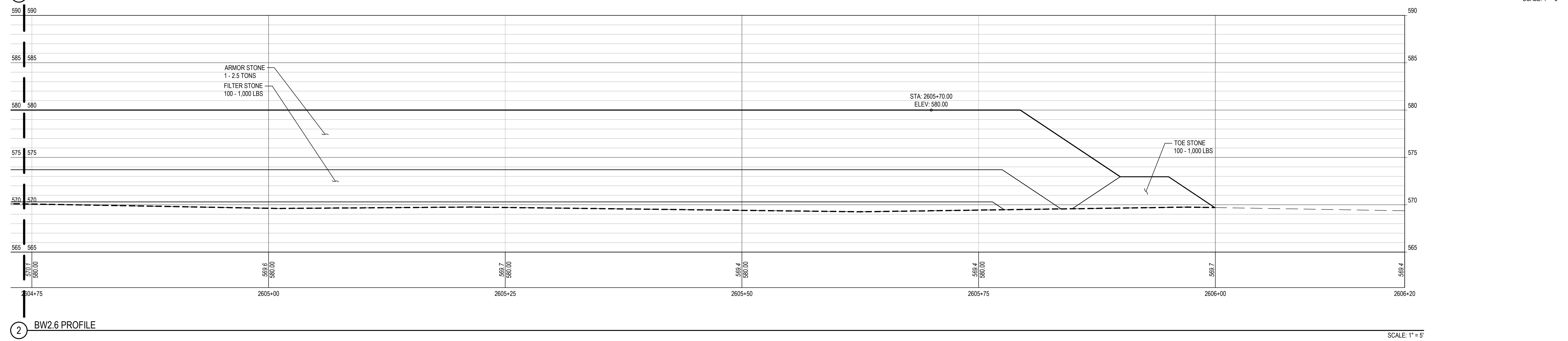
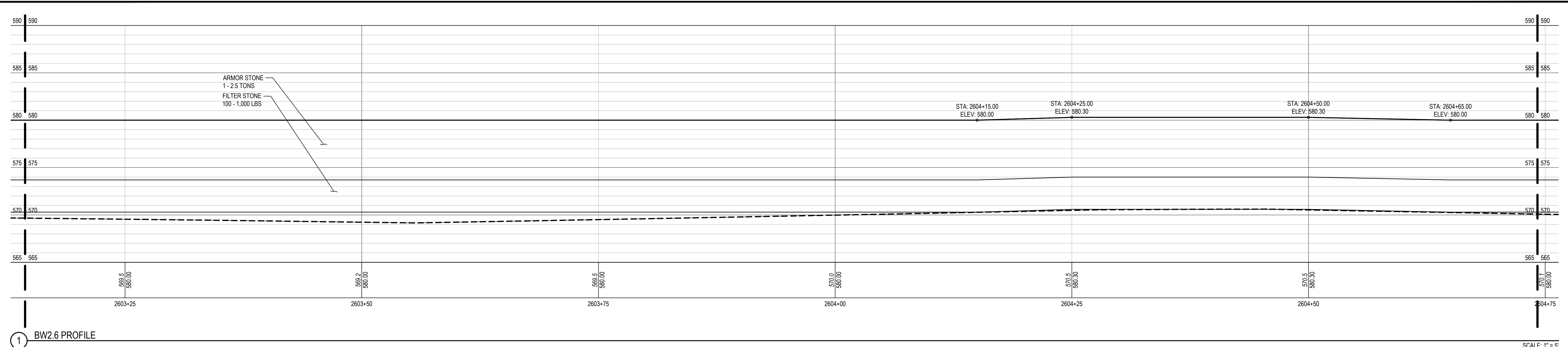


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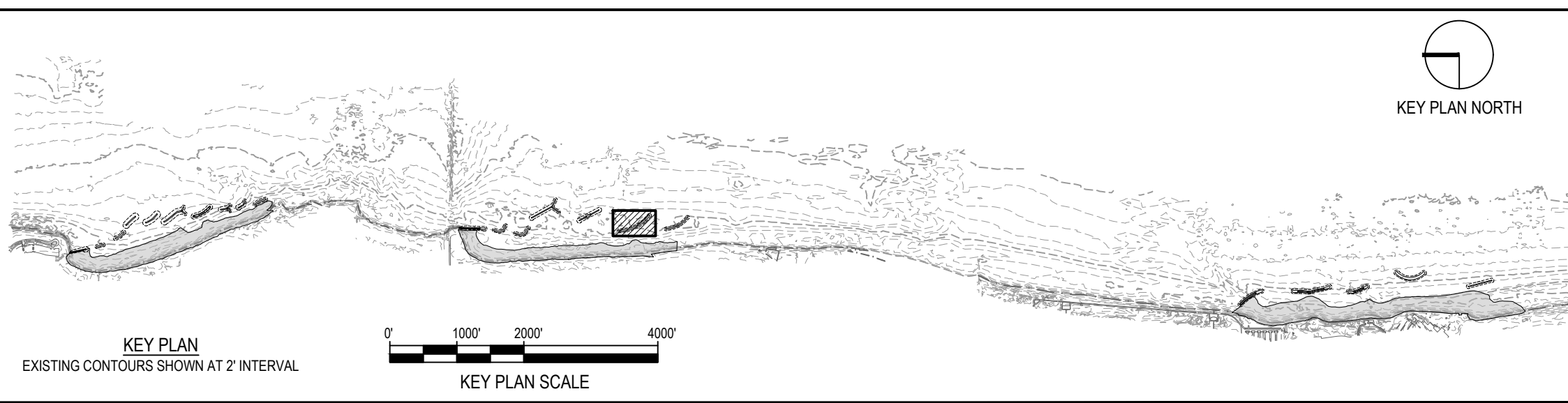
PROFILE - BW2.6	PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION	DATE 02/26/2021
1 LAKE FRONT DRIVE	SHEET NO. C-228
ZION, LAKE COUNTY, ILLINOIS	OF (124) SHEETS



SHEET NOTES

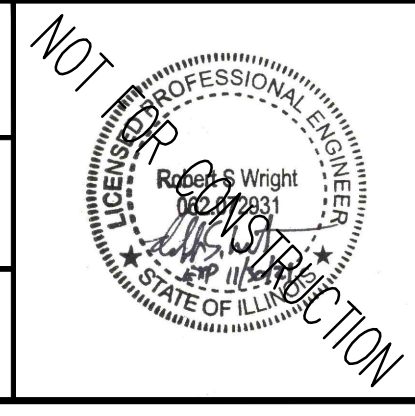
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



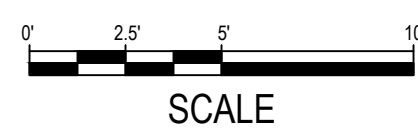
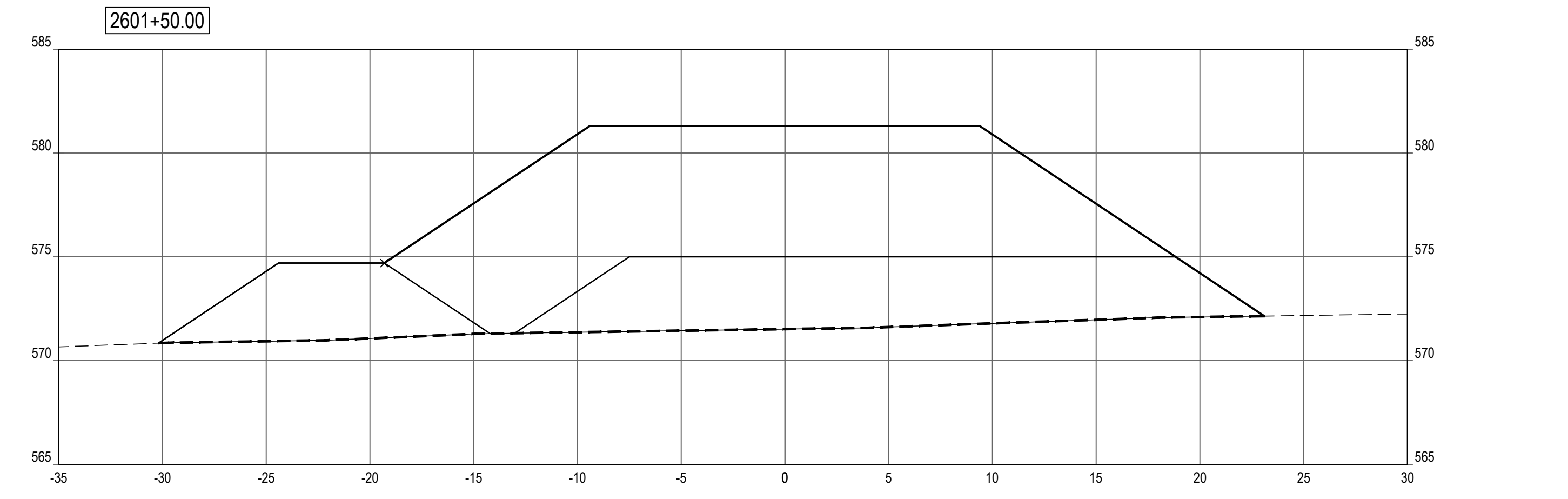
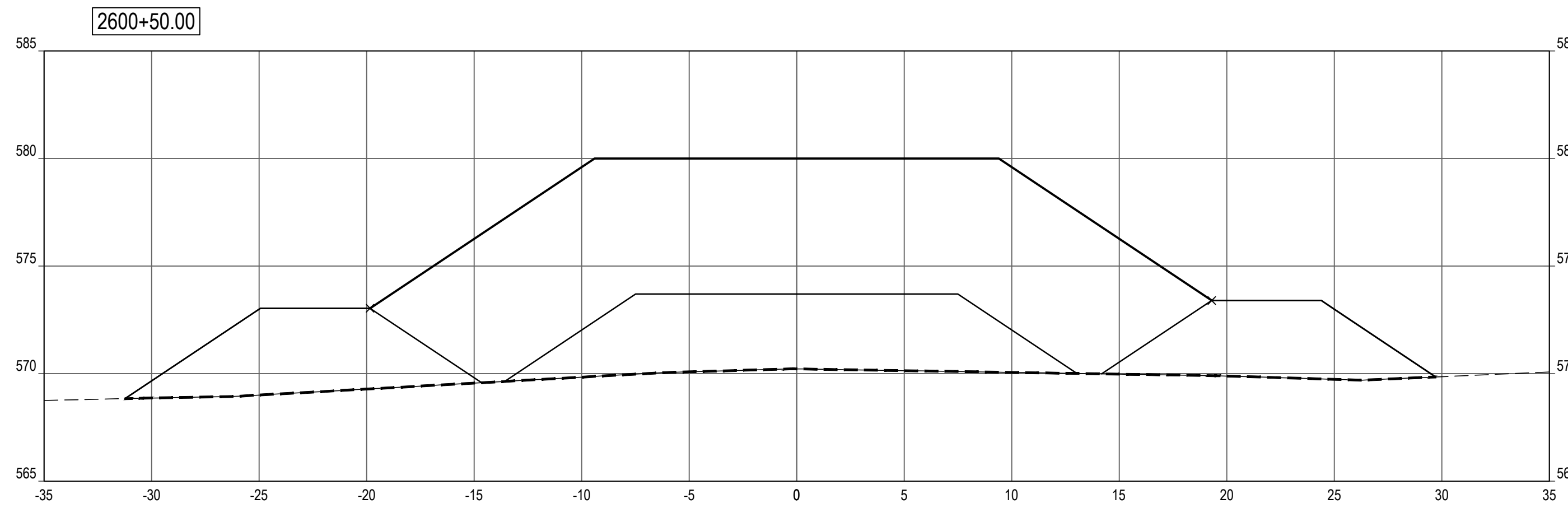
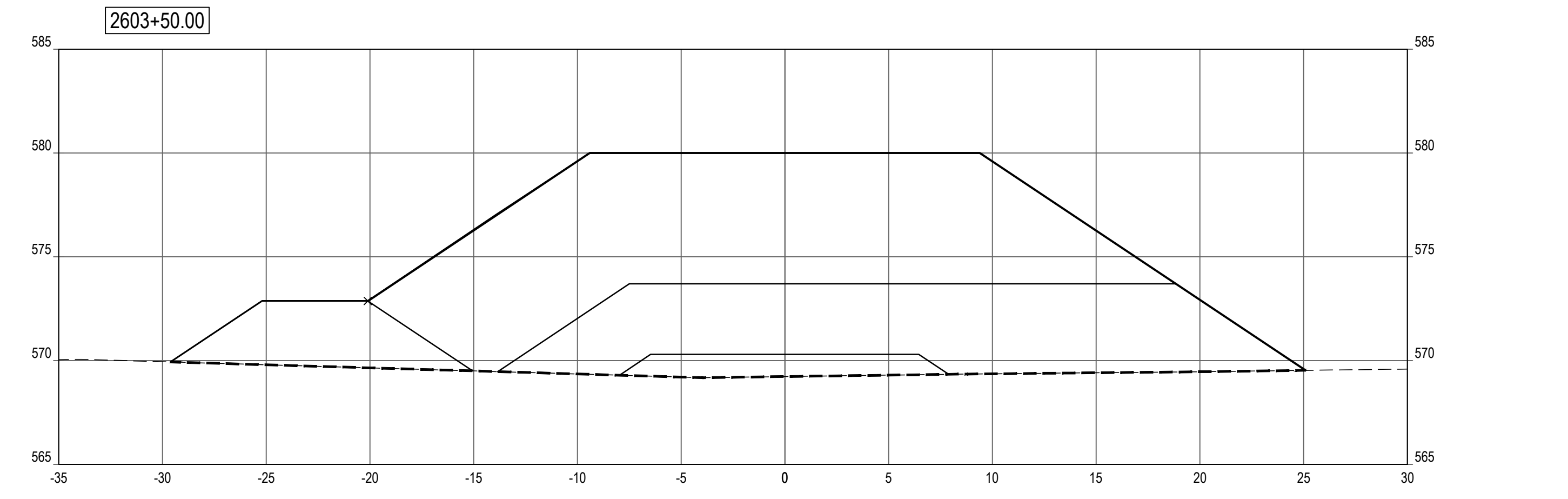
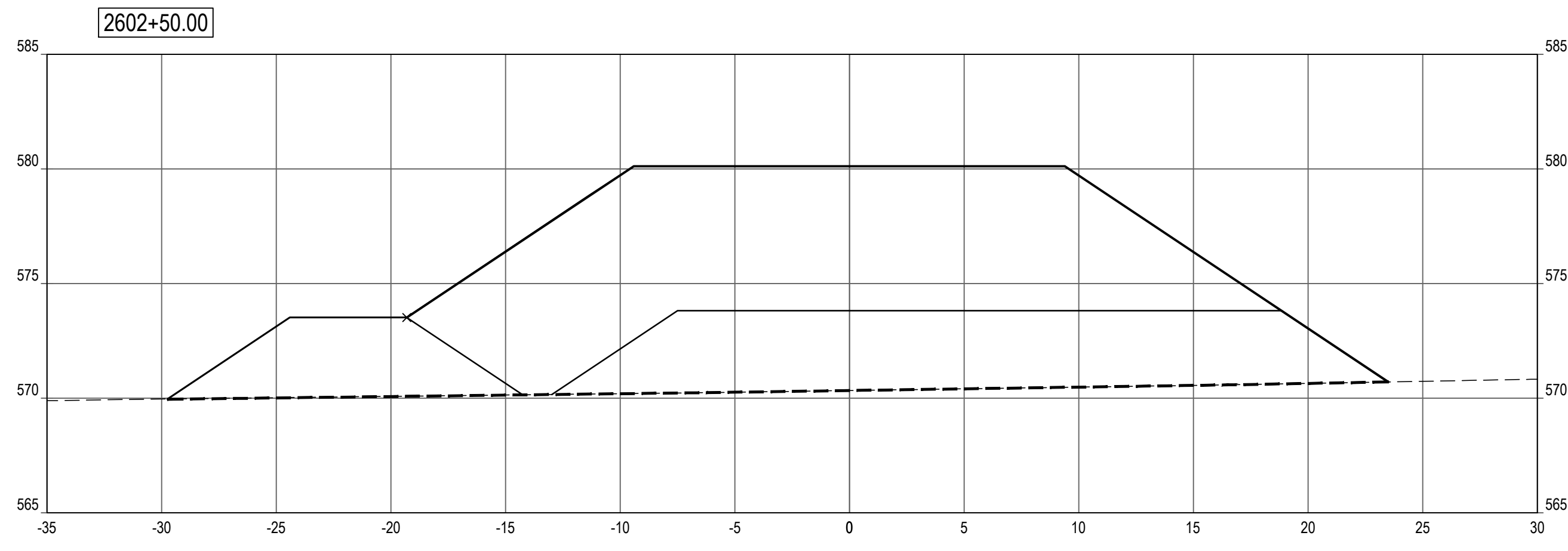
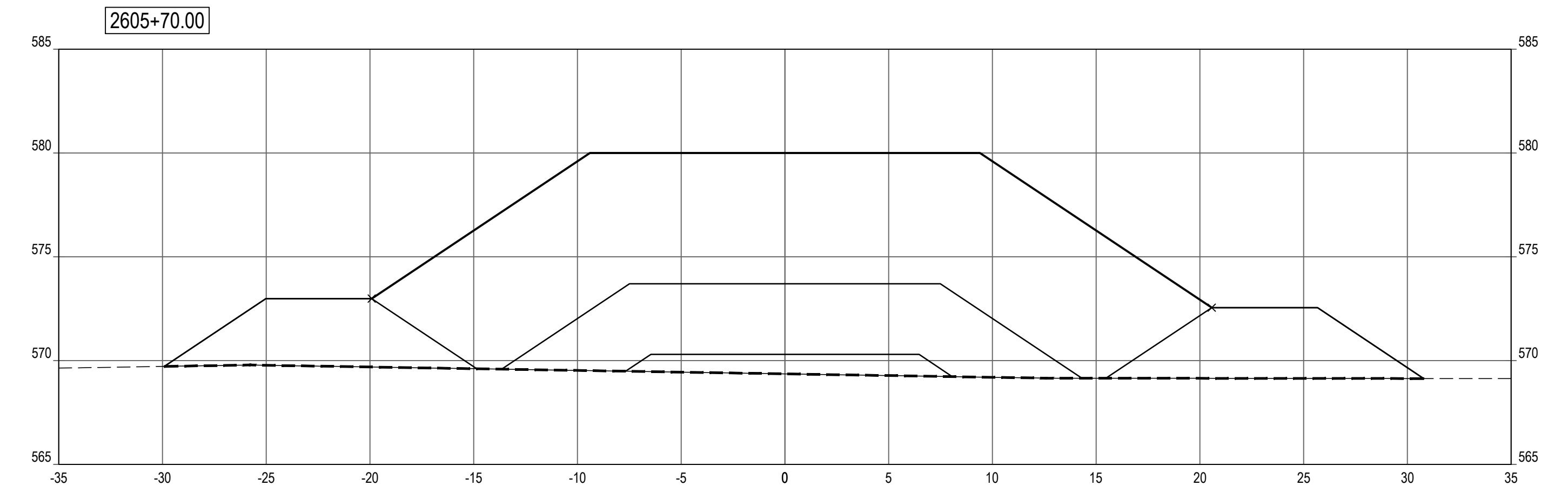
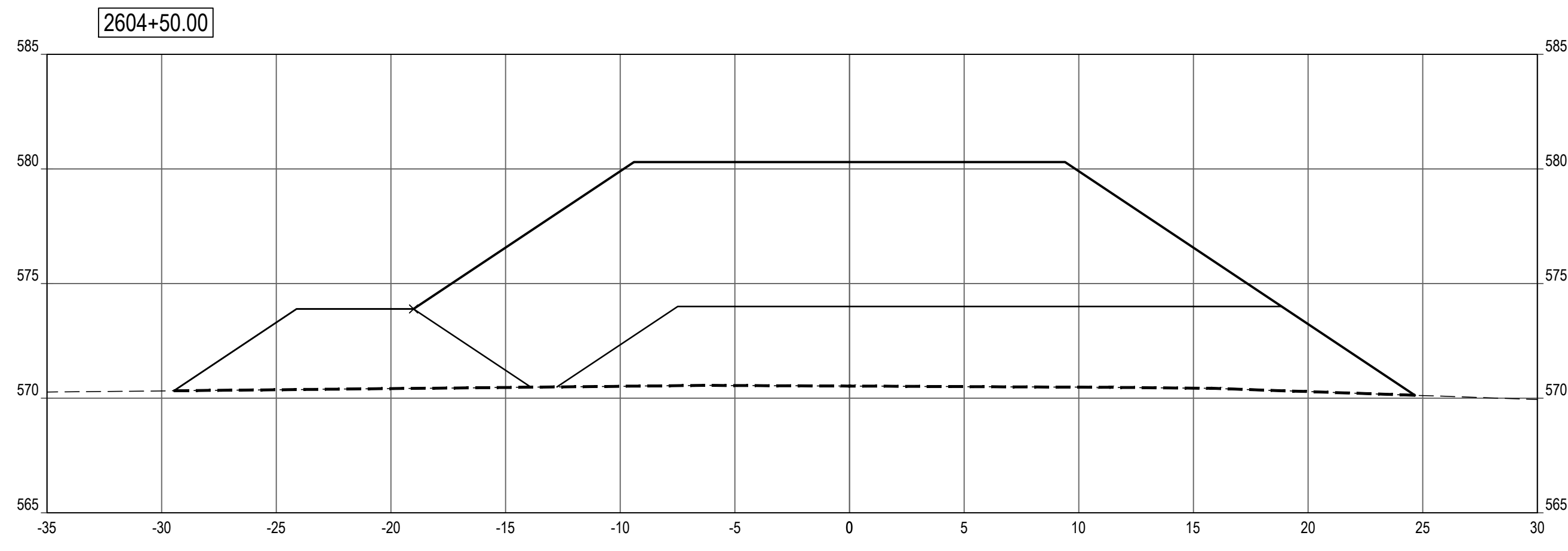
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PROFILE - BW2.6	PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION	DATE 02/26/2021
1 LAKE FRONT DRIVE	SHEET NO. C-229
ZION, LAKE COUNTY, ILLINOIS	OF (124) SHEETS

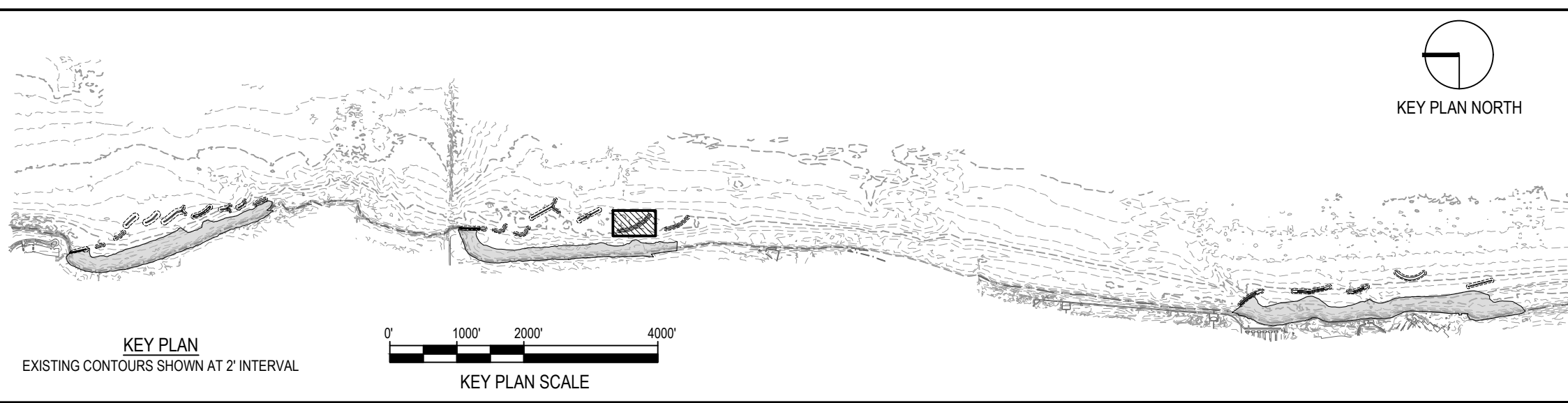
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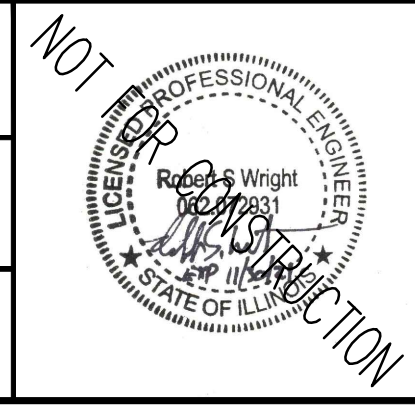
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- · · PROFILE - FINISH GRADE AT REFERENCE LINE
- - - - PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- - - - SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
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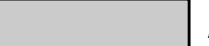
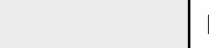
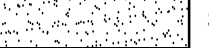



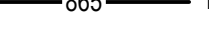
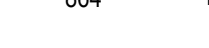
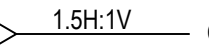
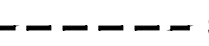
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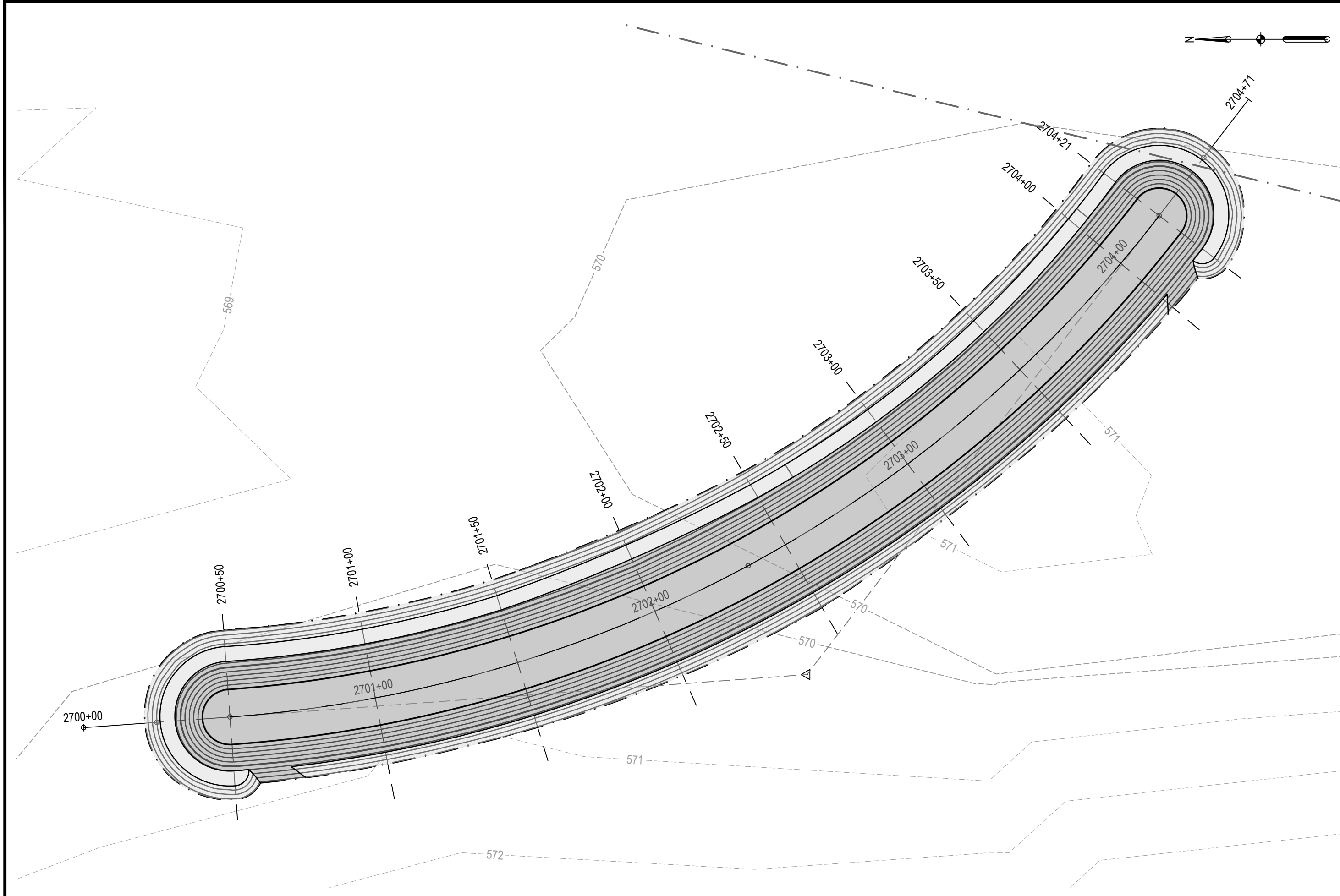
SECTIONS - BW2.6 (STA 2600+50 TO 2605+70)		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-230
		OF (124) SHEETS

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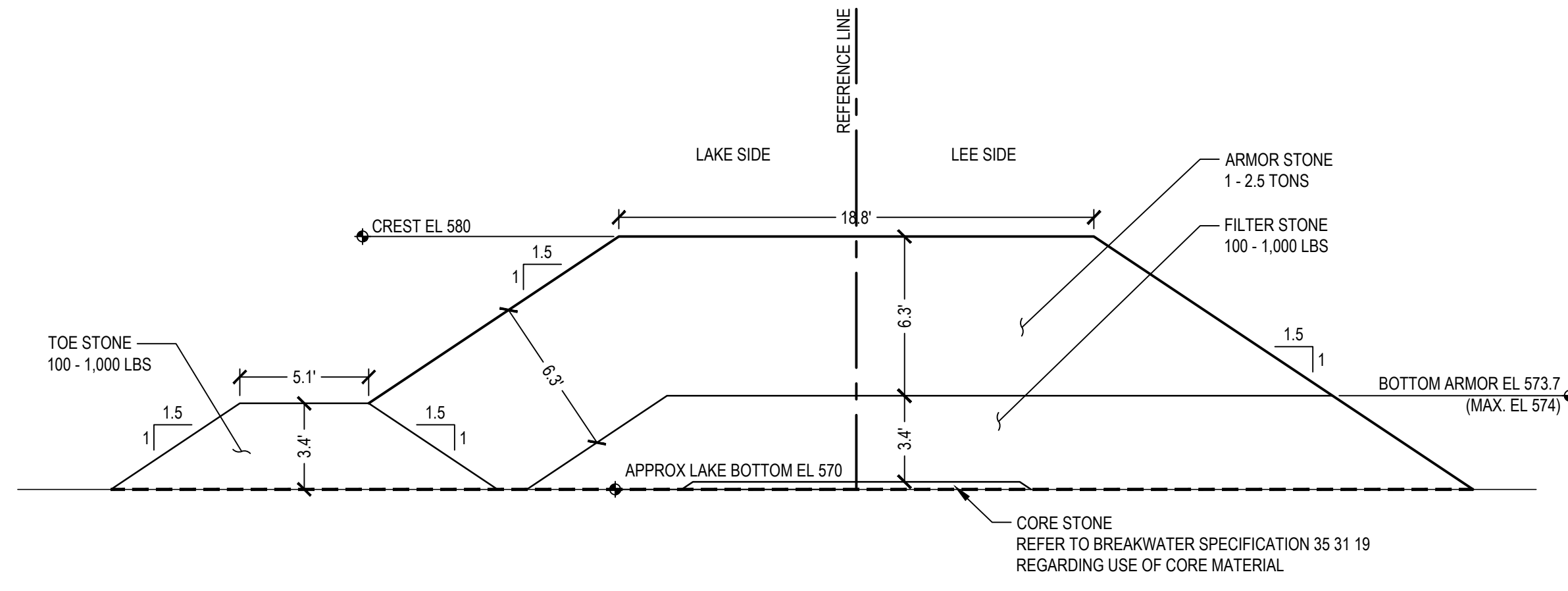
LEGEND

-  ARMOR STONE
-  FILTER STONE / TOE STONE
-  SAND BEACH
-  NAVIGATION AID
-  -865- EXISTING MAJOR CONTOUR
-  -864- EXISTING MINOR CONTOUR
-  865 PROPOSED MAJOR CONTOUR
-  864 PROPOSED MINOR CONTOUR
- GRADING LIMITS
-  1.5H:1V COASTAL STRUCTURE SIDE SLOPE
-  - - - SECTION - COMPOSITE GEOTEXTILE GEOGRID



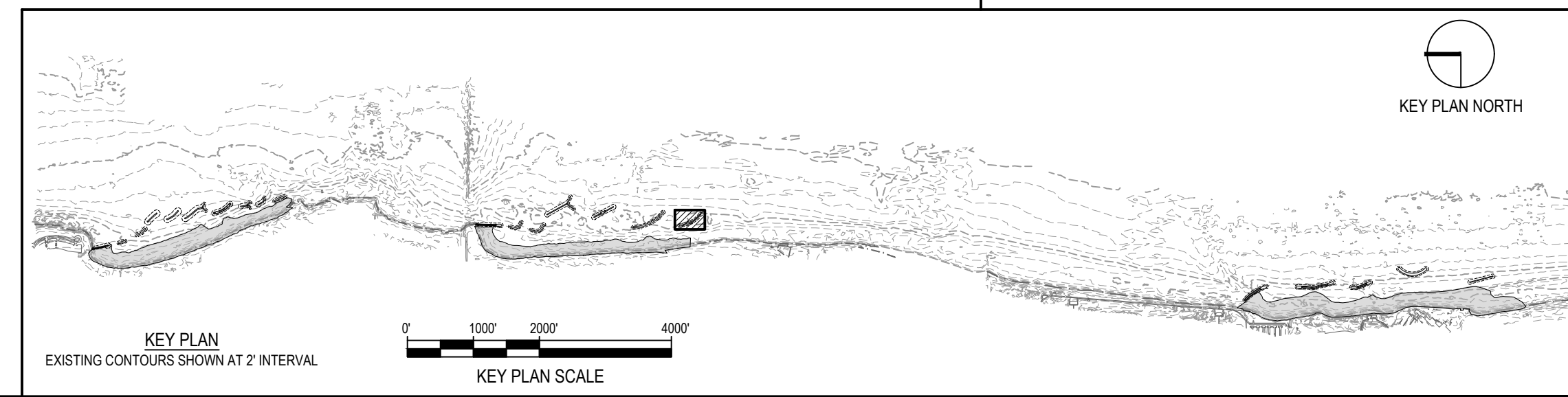
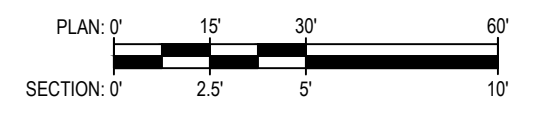
1 BW2.7 LAYOUT & GRADING
PLAN

SCALE: 1" = 30'



2 BW2.7 TRUNK
SECTION

SCALE: 1" = 5'



KEY PLAN
EXISTING CONTOURS SHOWN AT 2' INTERVAL



PLAN & TYPICAL SECTION - BW2.7

ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
1 LAKE FRONT DRIVE
ZION, LAKE COUNTY, ILLINOIS

PROJECT NO.
102-311-099

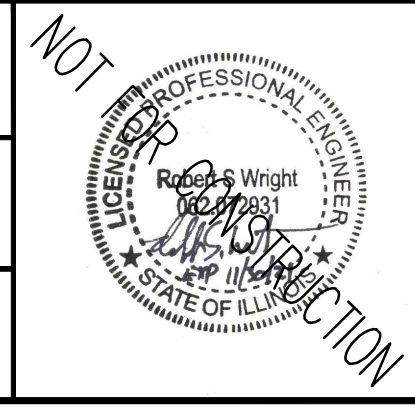
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02/26/2021

SHEET NO.
C-231

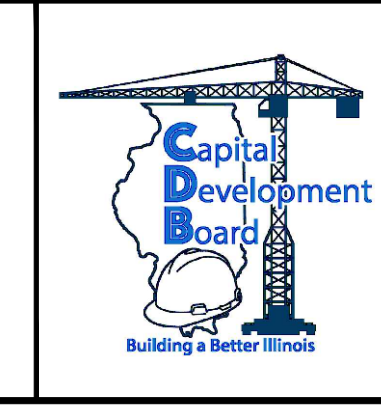
OF (124) SHEETS

NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED

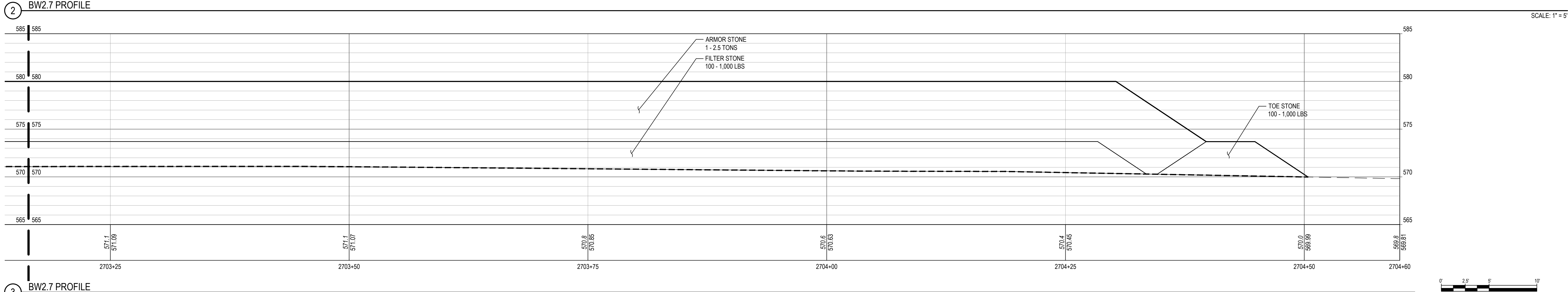
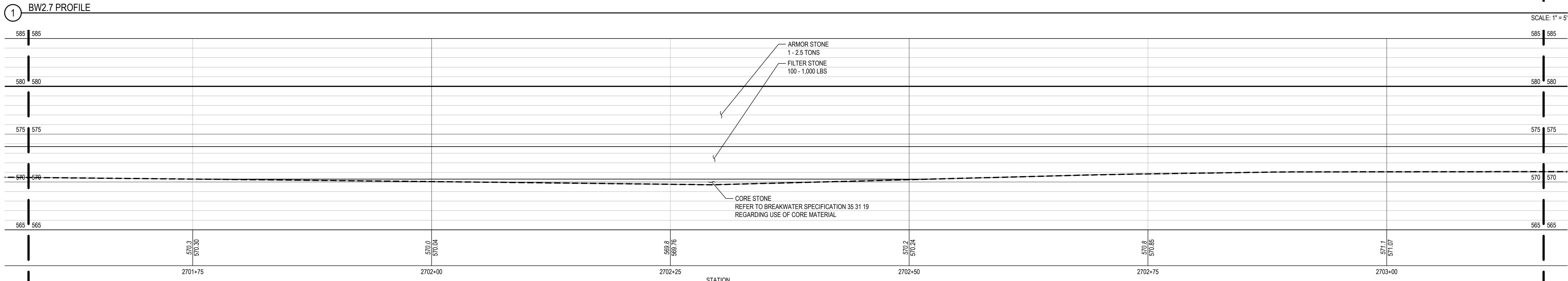
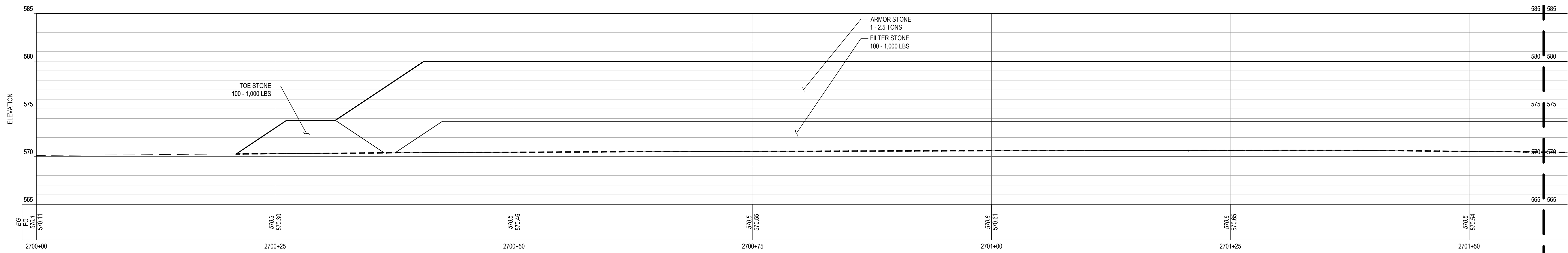


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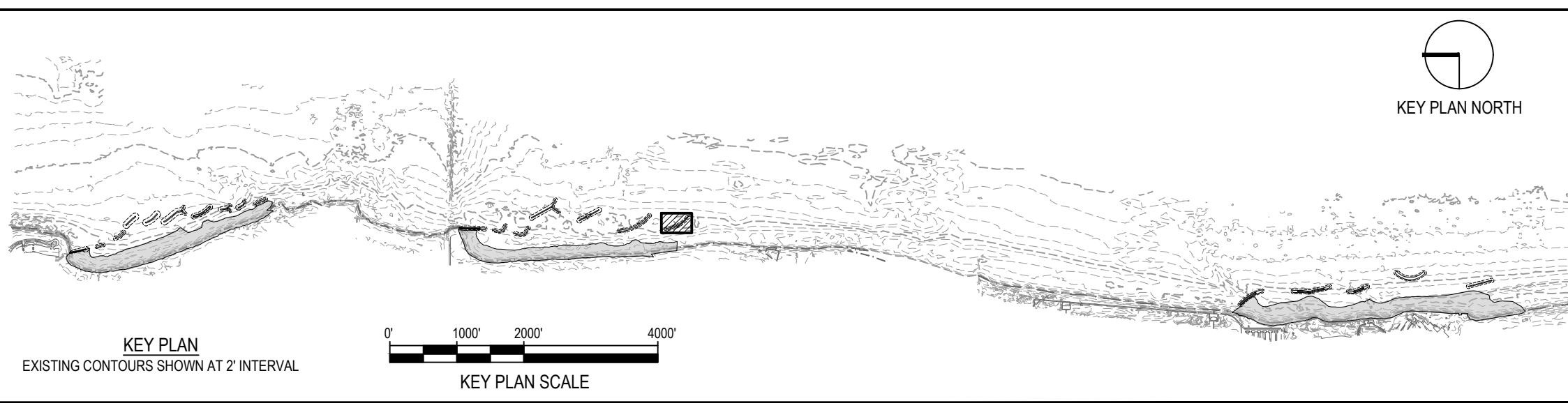


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Thursday, April 29, 2021 4:26:28 PM C:\Users\rlh@smithgroup.com\OneDrive\Projects\102-311-099\102-311-099-C-231\102-311-099-C-231-BW2.7 PLAN TYP SECT.dwg

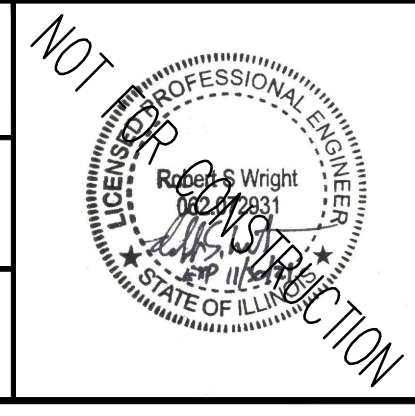


SHEET NOTES	LEGEND
	--- PROFILE / SECTION - EXISTING GRADE
	— PROFILE - FINISH GRADE AT CENTERLINE
	— PROFILE - FINISH GRADE AT REFERENCE LINE
	--- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
	--- SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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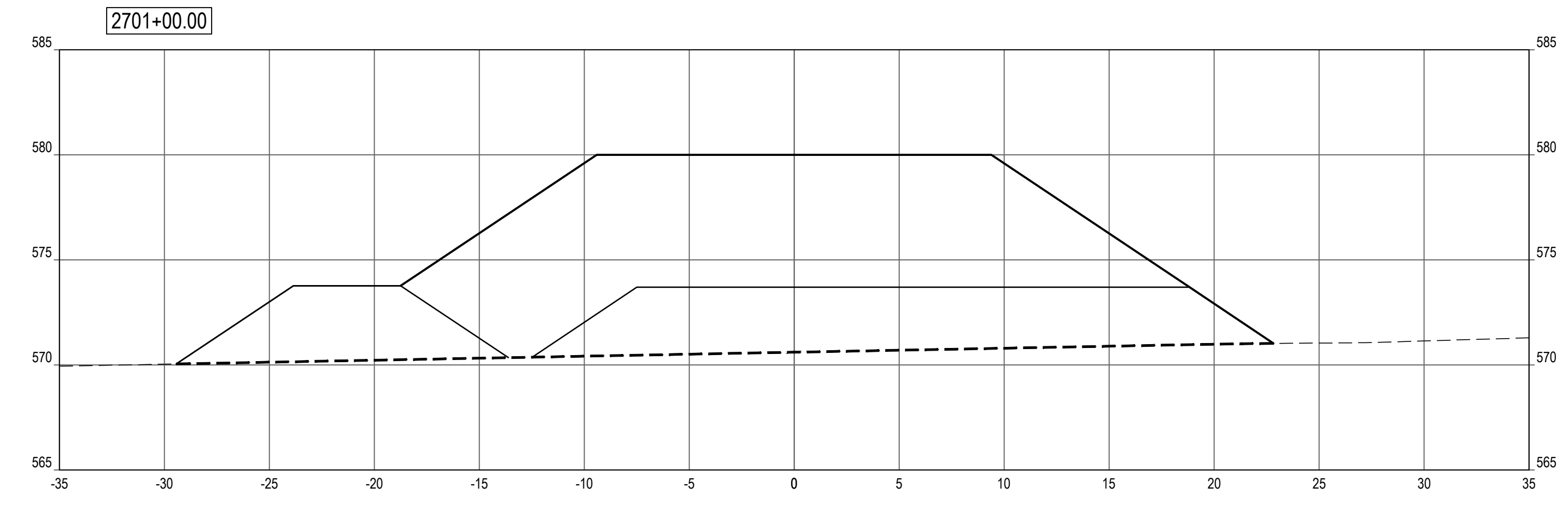
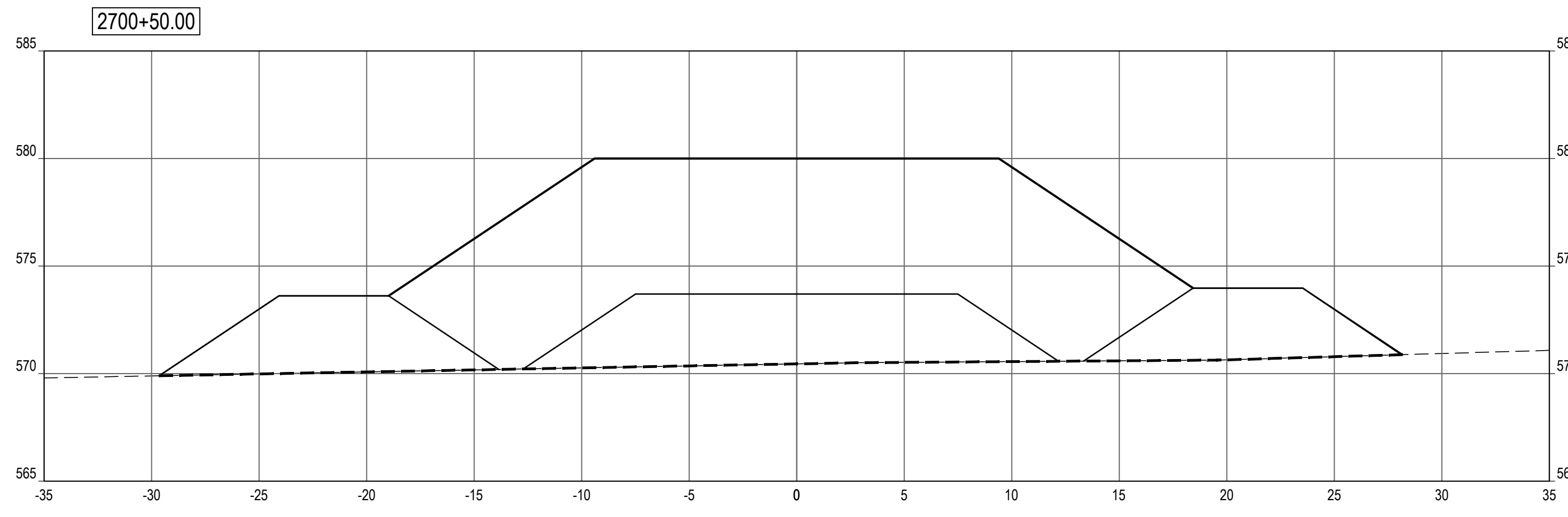
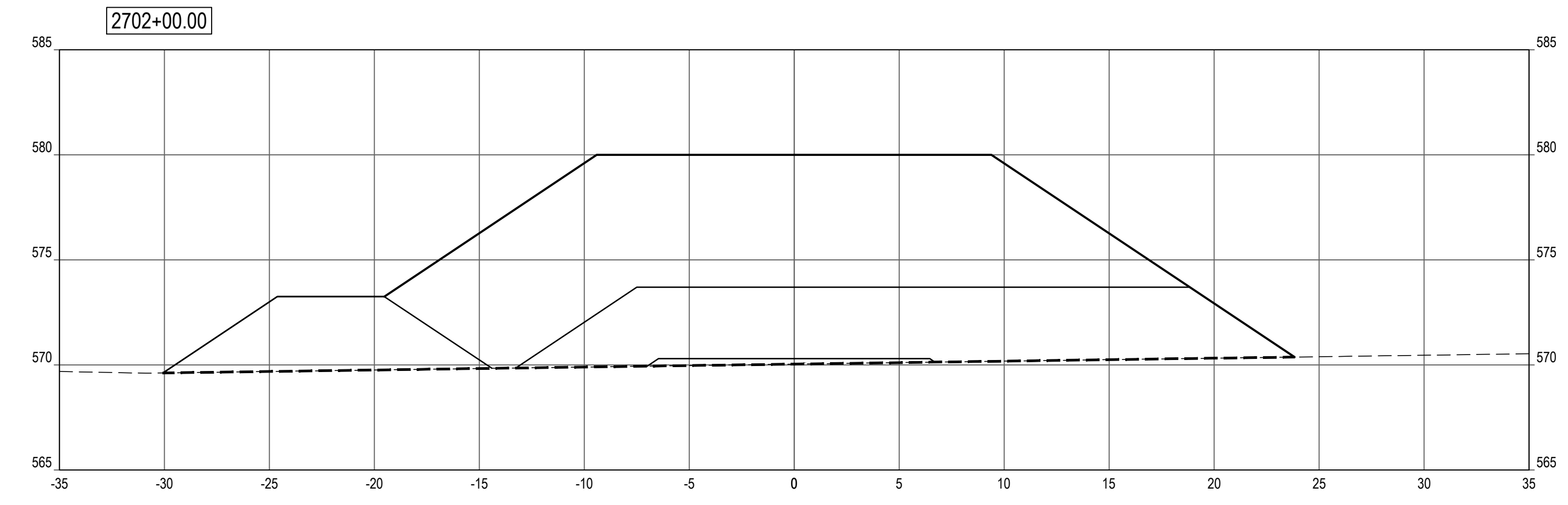
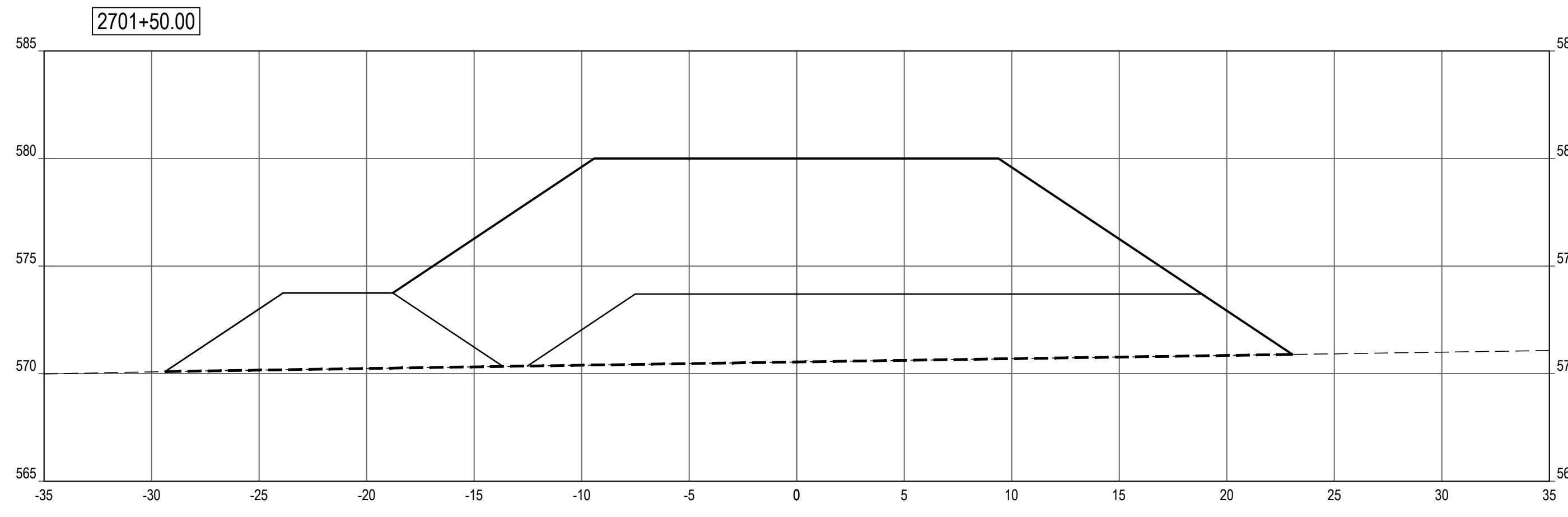
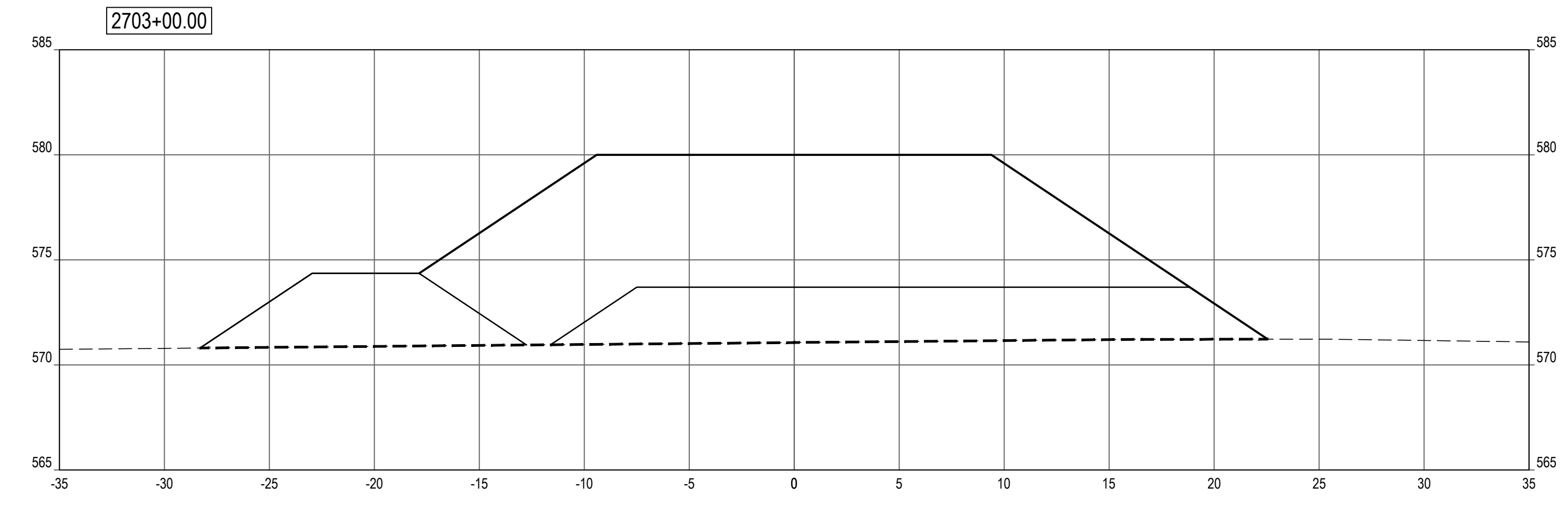
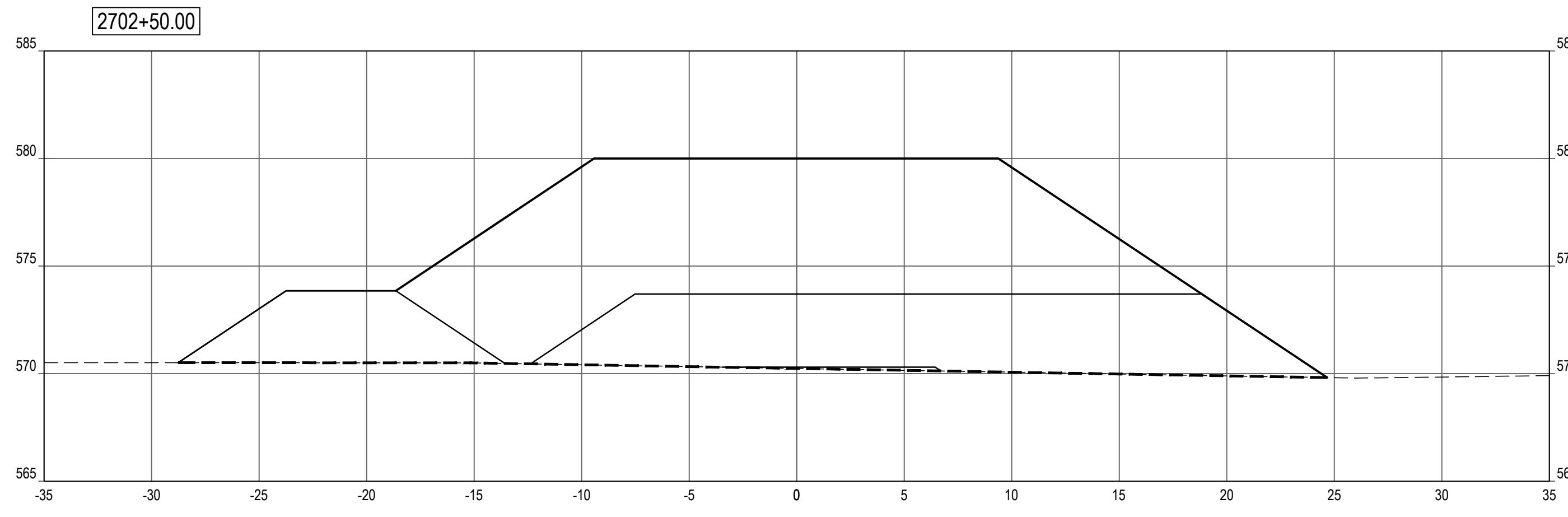


State of Illinois
JB PRITZKER, GOVERNOR
 Illinois Capital Development Board

PROFILE - BW2.7
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO.	102-311-099
DATE	02/26/2021
SHEET NO.	C-232
OF (124) SHEETS	

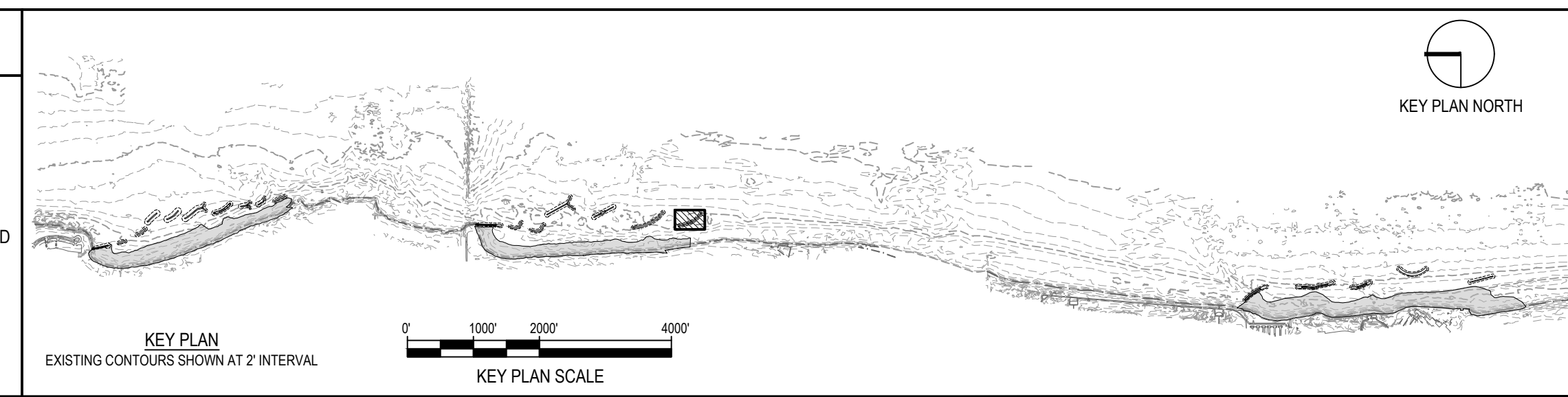
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SHEET NOTES

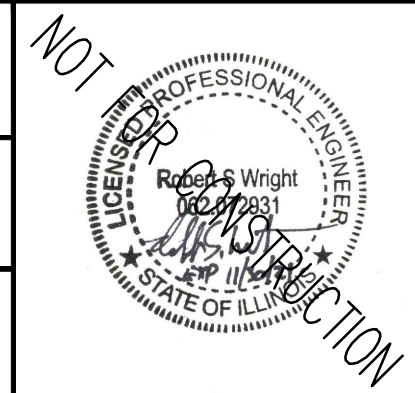
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- - - - PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- - - - SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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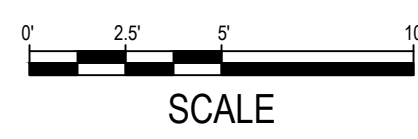
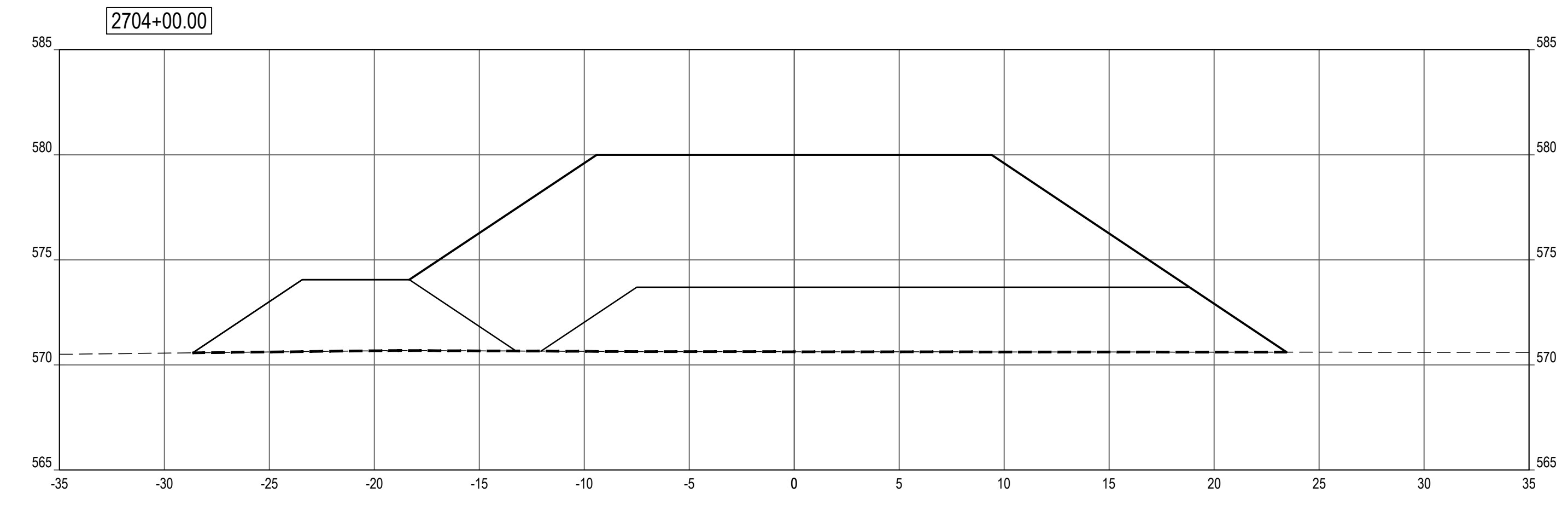
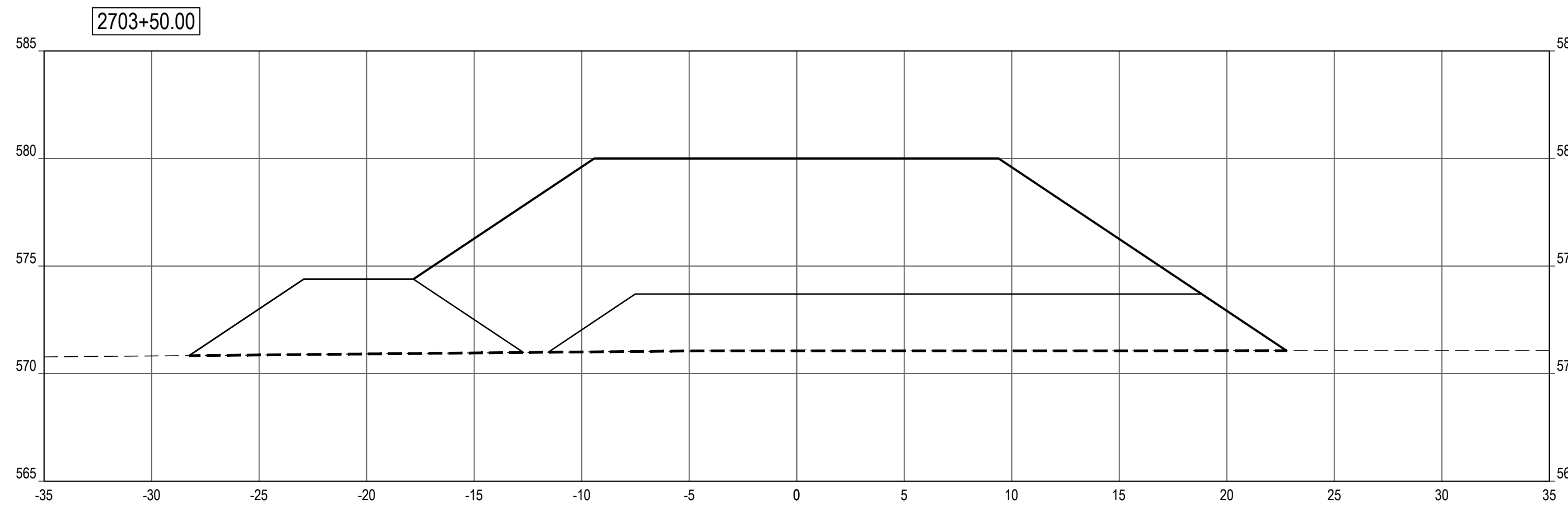
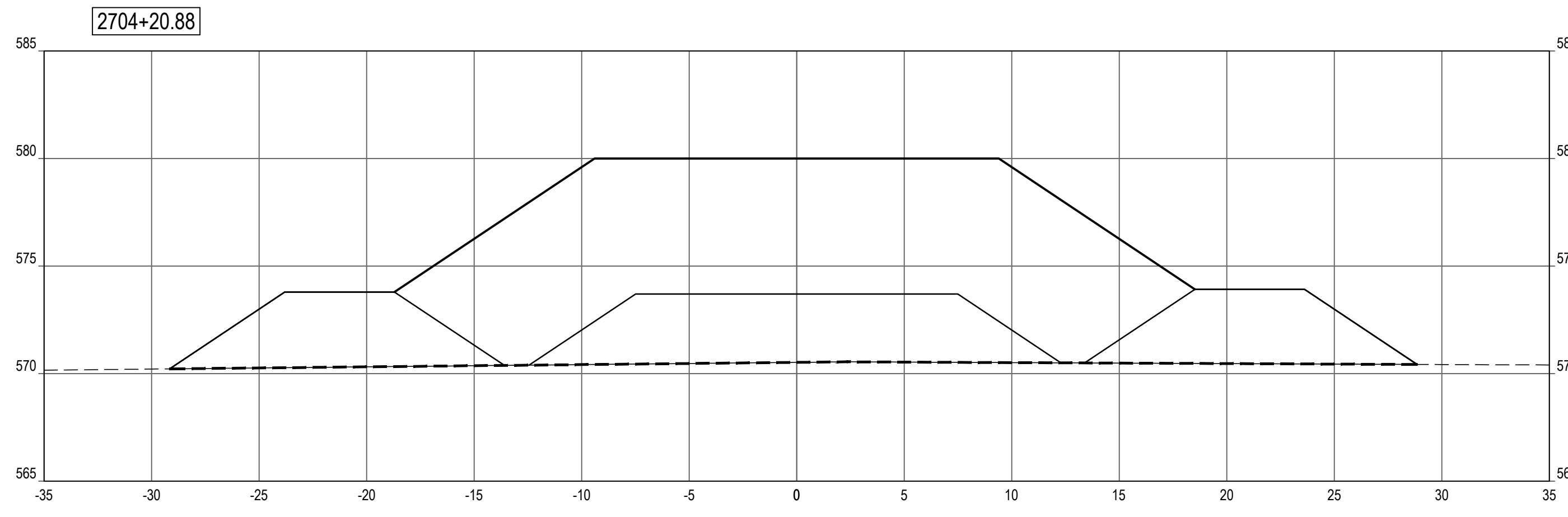


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SECTIONS - BW2.7 (STA 2700+50 TO 2703+00)
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-233**
 OF (124) SHEETS

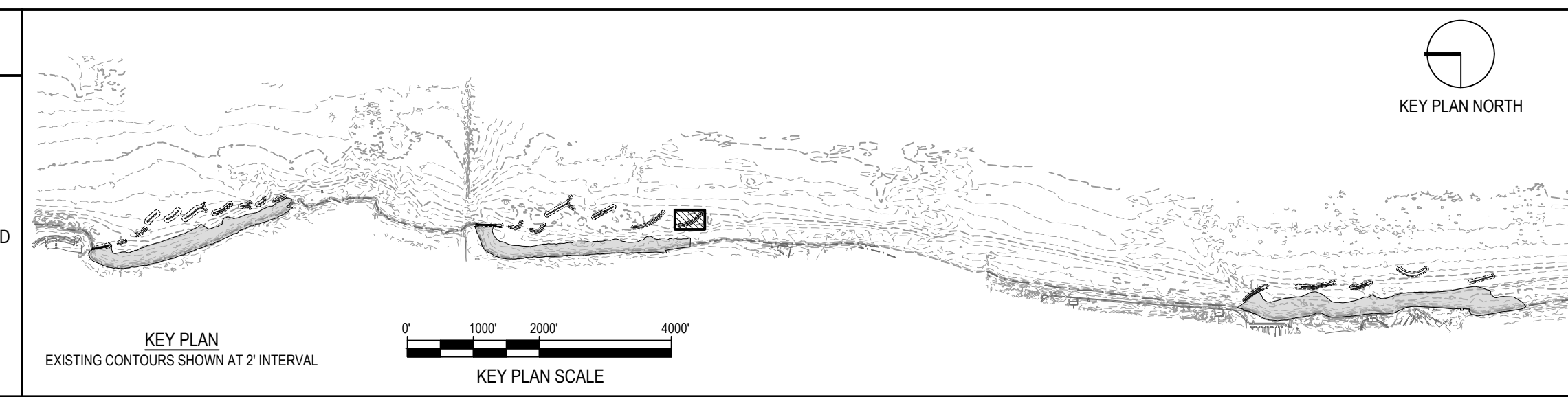
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SHEET NOTES

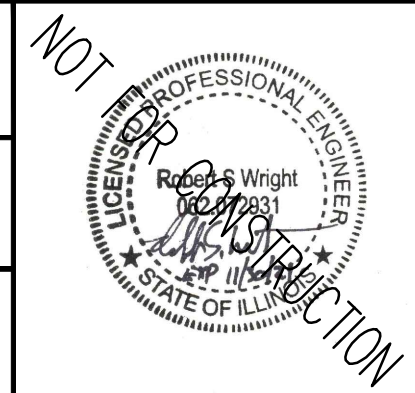
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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SECTIONS - BW2.7 (STA 2703+50 TO 2704+21)
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-234**
 OF (124) SHEETS

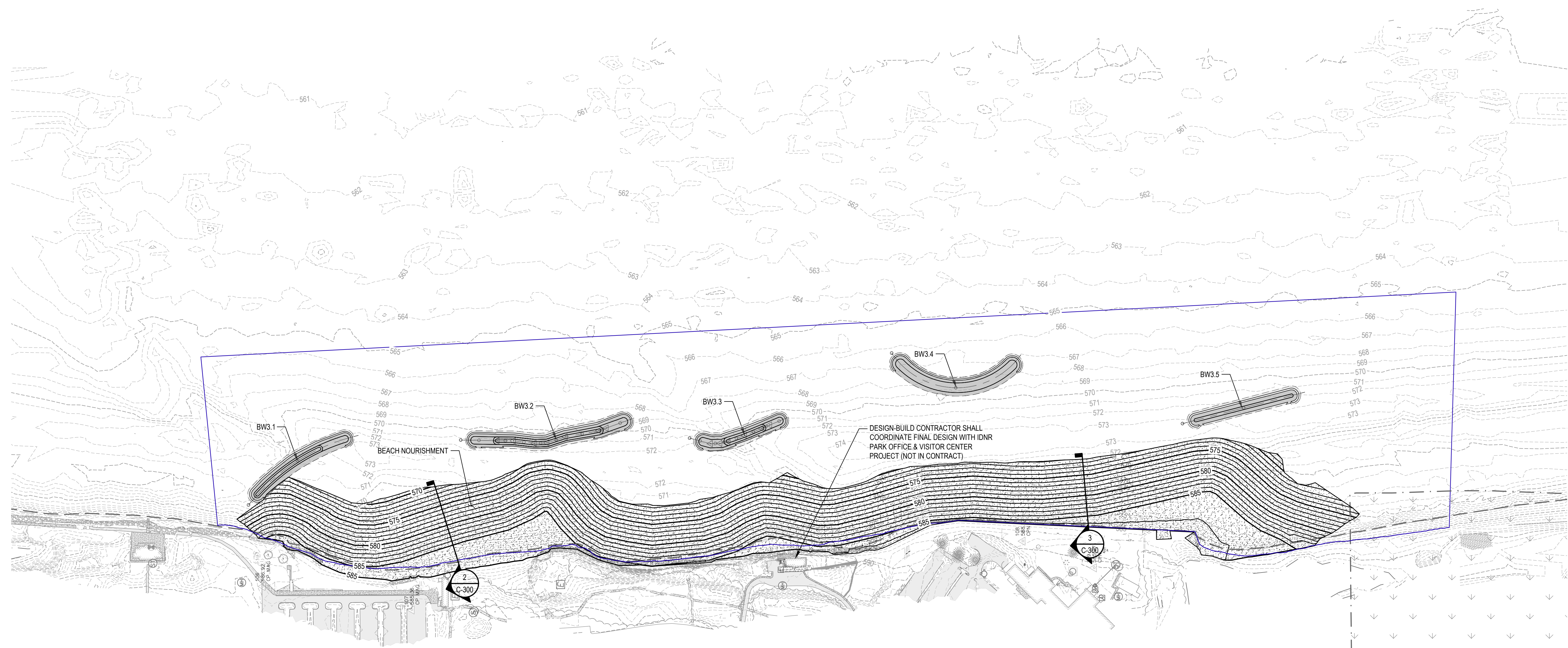
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SHEET NOTES

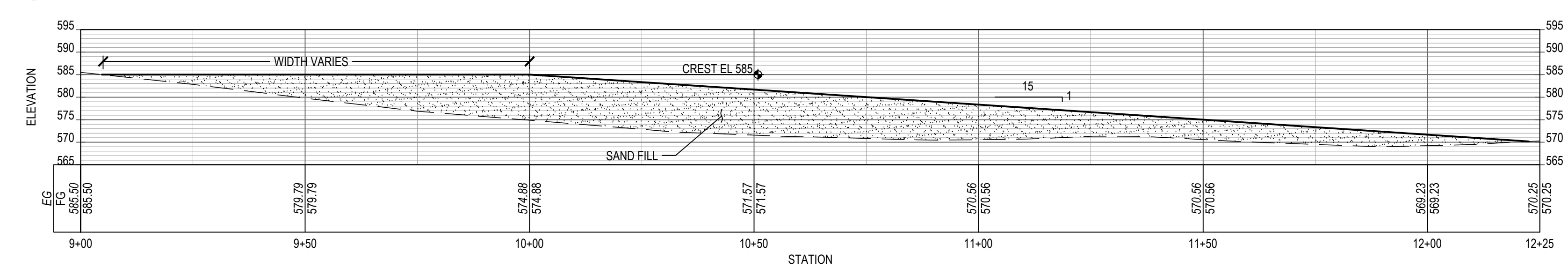
- SEE SHEETS C-301 TO C-325 FOR TYPICAL BREAKWATER DETAILS, LONGITUDINAL SECTIONS, AND REPRESENTATIVE CROSS-SECTIONS.
- HABITAT ENHANCEMENTS SHALL NOT BE CONSIDERED FOR AREA 3.

LEGEND

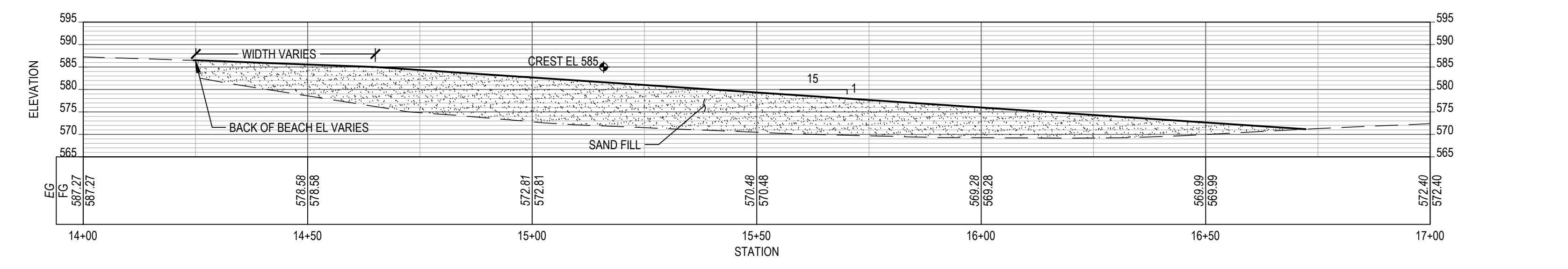
- ARMOR STONE
- FILTER STONE / TOE STONE
- SAND BEACH
- NAVIGATION AID
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- GRADING LIMITS
- COASTAL STRUCTURE SIDE SLOPE
- SECTION - COMPOSITE GEOTEXTILE GEOGRID



1 AREA 3 BEACH



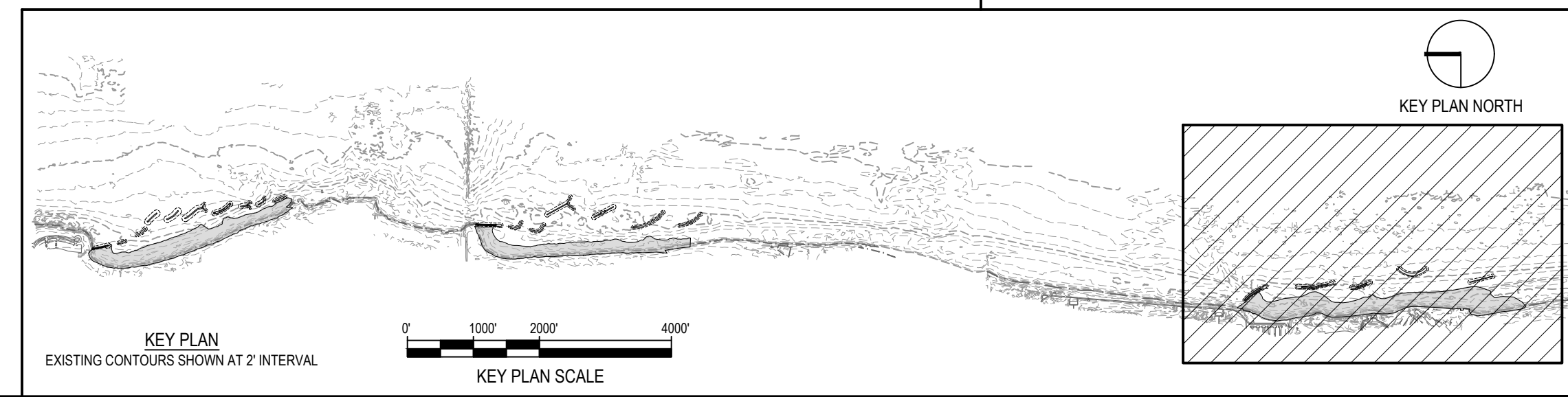
2 AREA 3 SWIMMING BEACH



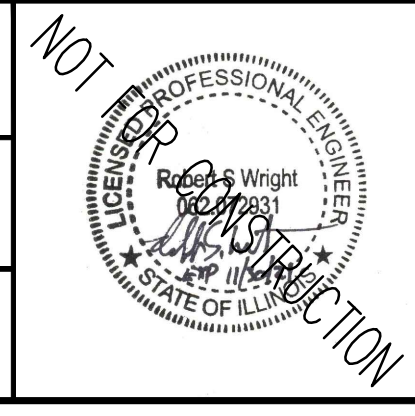
3 AREA 3 SOUTH BEACH



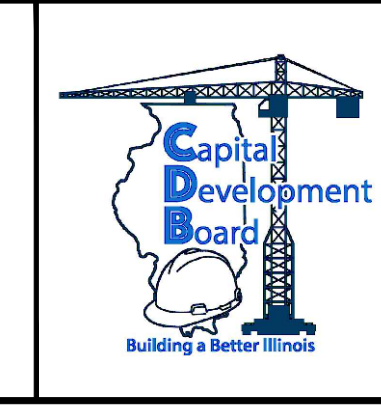
NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.



REVISIONS			DRAWN	PREPARED
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			CHECKED	APPROVED



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AREA 3 - OVERALL PLAN
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO.
102-311-099
 DATE
02/26/2021
 SHEET NO.
C-300
 OF (124) SHEETS

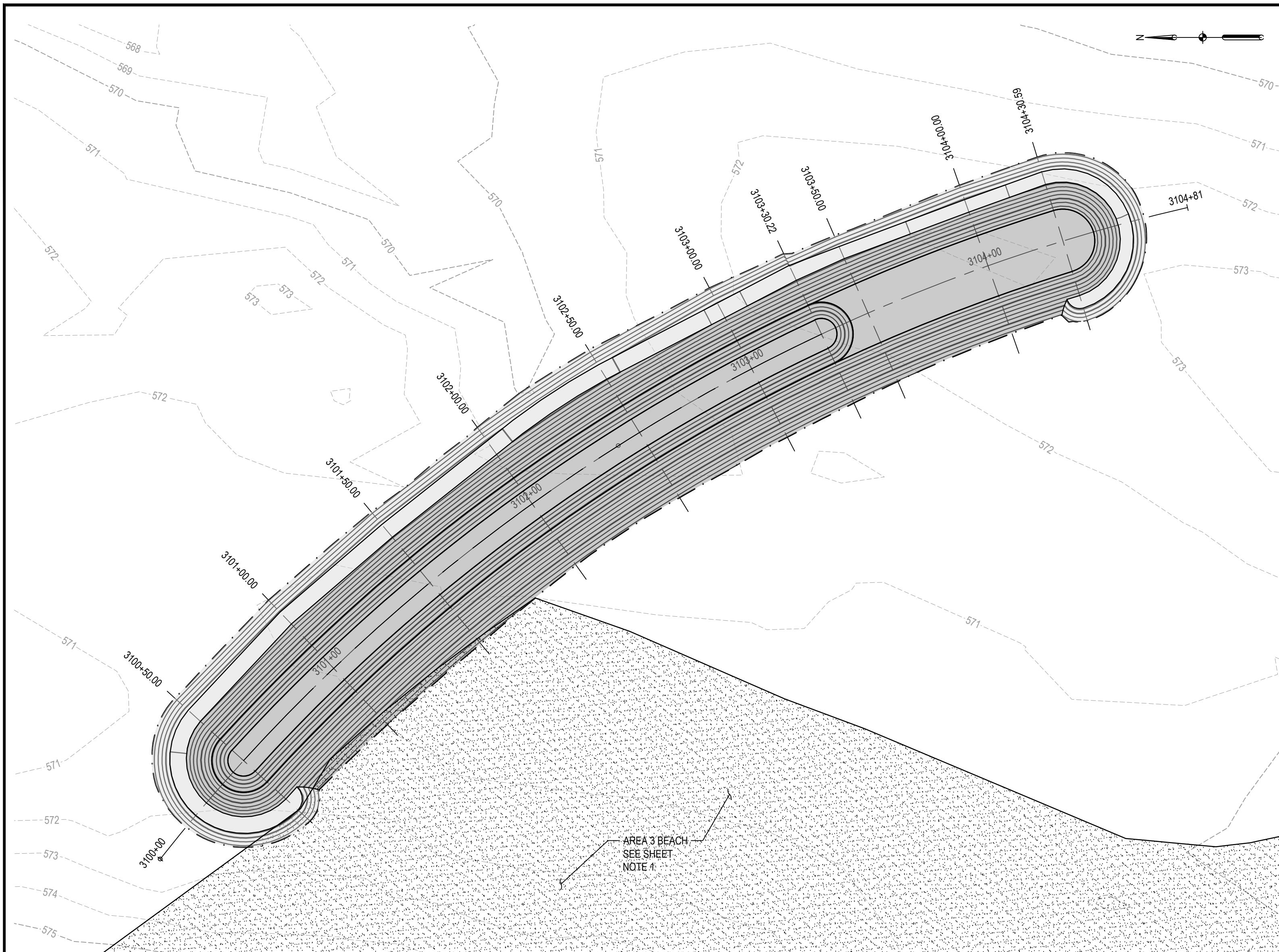
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SHEET NOTES

- 1. AREA 3 BEACH CONTOURS NOT SHOWN FOR CLARITY.

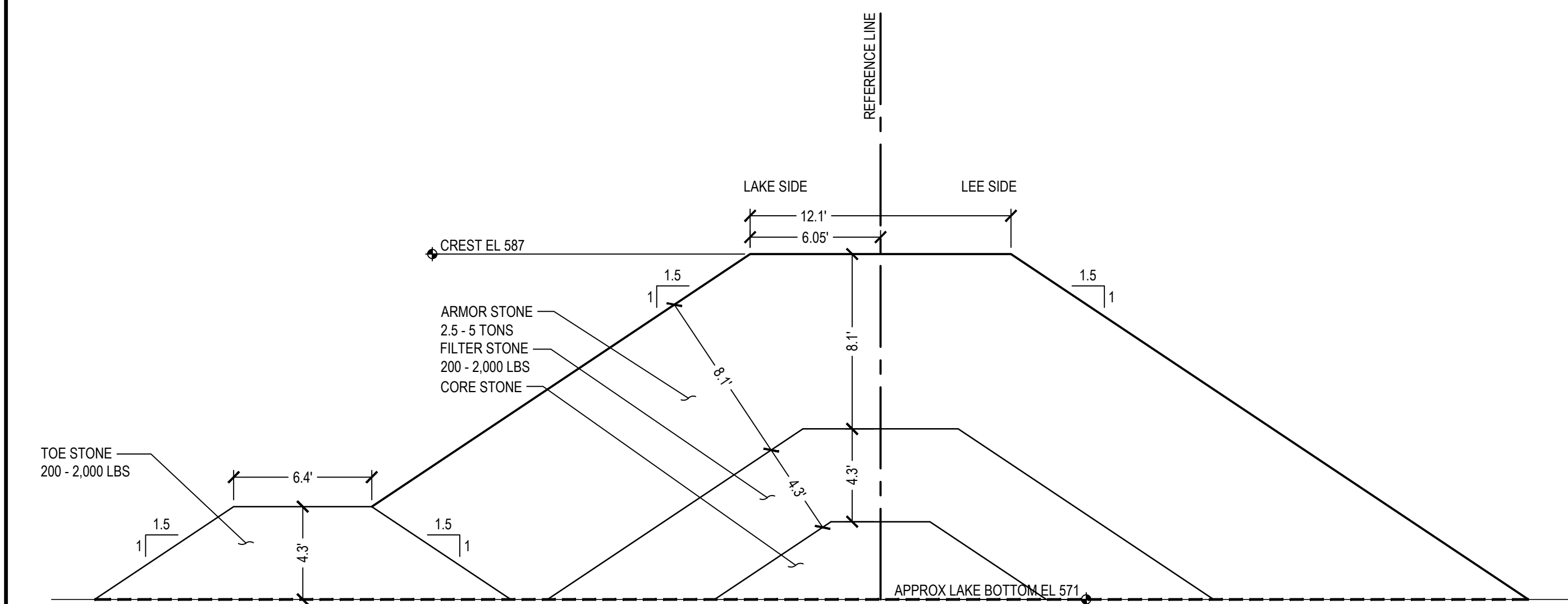
LEGEND

- ARMOR STONE
- FILTER STONE / TOE STONE
- SAND BEACH
- NAVIGATION AID
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- GRADING LIMITS
- COASTAL STRUCTURE SIDE SLOPE
- SECTION - COMPOSITE GEOTEXTILE GEOGRID



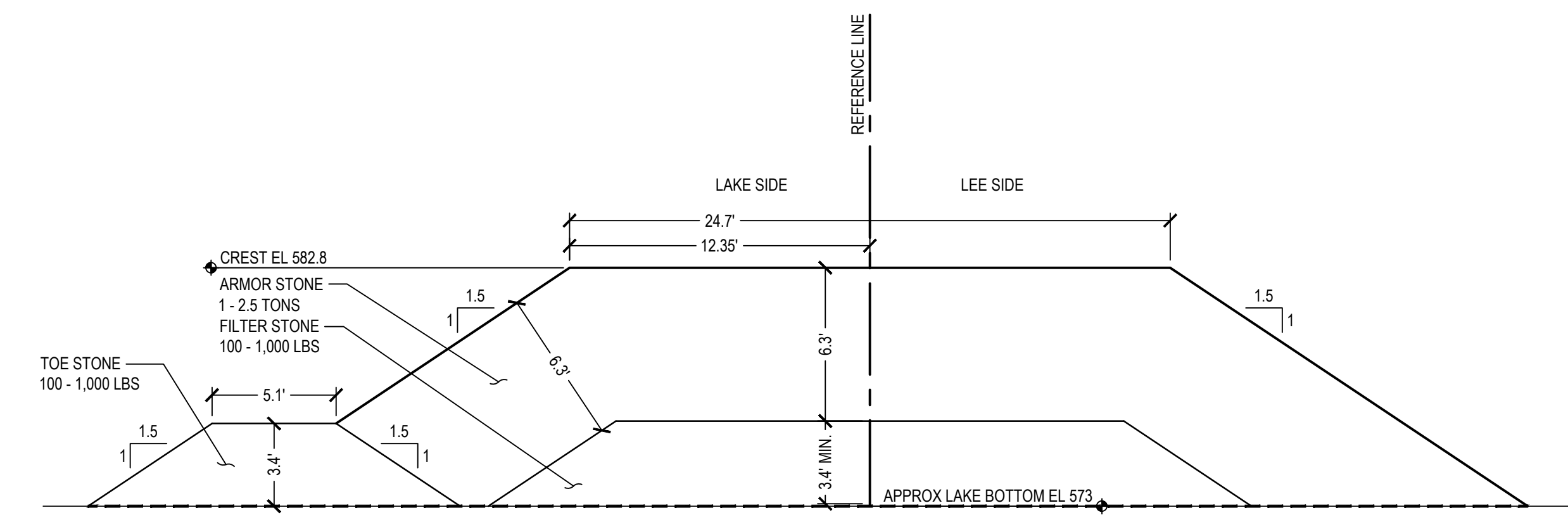
1 BW3.1 LAYOUT & GRADING
PLAN

SCALE: 1" = 30'



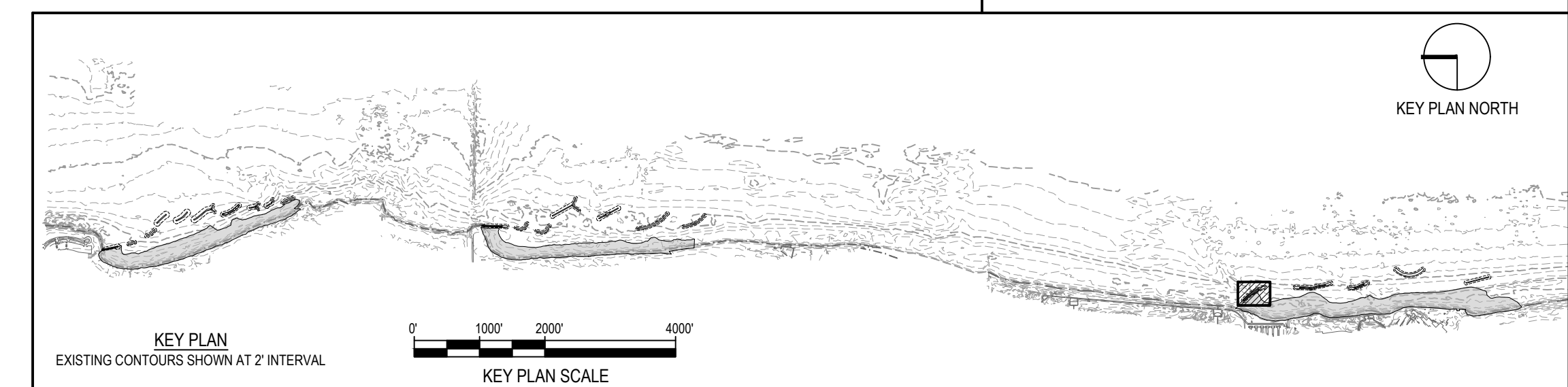
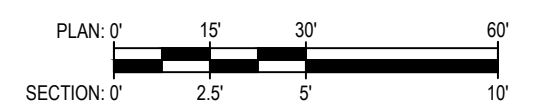
2 BW3.1 NORTH TRUNK (START TO 3103+36.30)
SECTION

SCALE: 1" = 5'



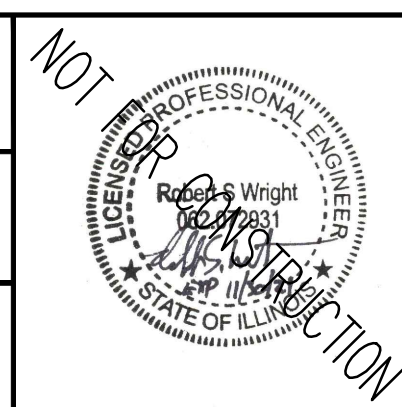
3 BW3.1 SOUTH TRUNK (STA 3103+42.30 TO END)
SECTION

SCALE: 1" = 5'



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---



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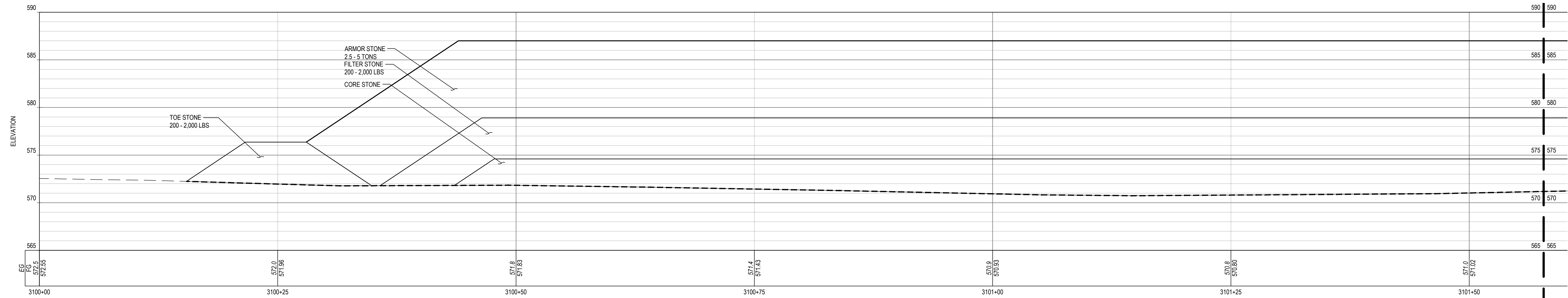


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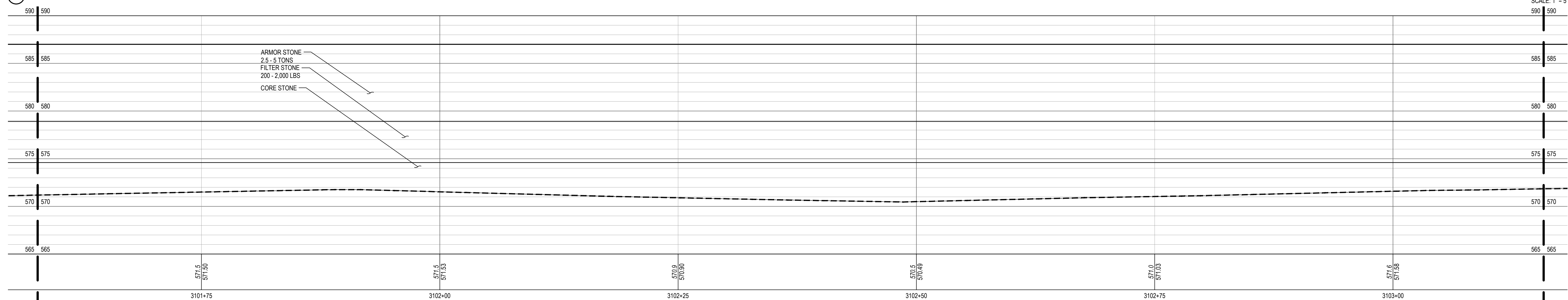
PLAN & TYPICAL SECTIONS - BW3.1

ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

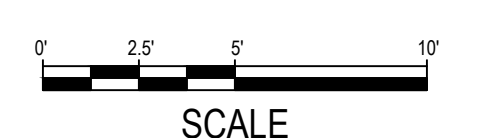
PROJECT NO.
102-311-099
 DATE
02/26/2021
 SHEET NO.
C-301
 OF (124) SHEETS



1 BW3.1 PROFILE



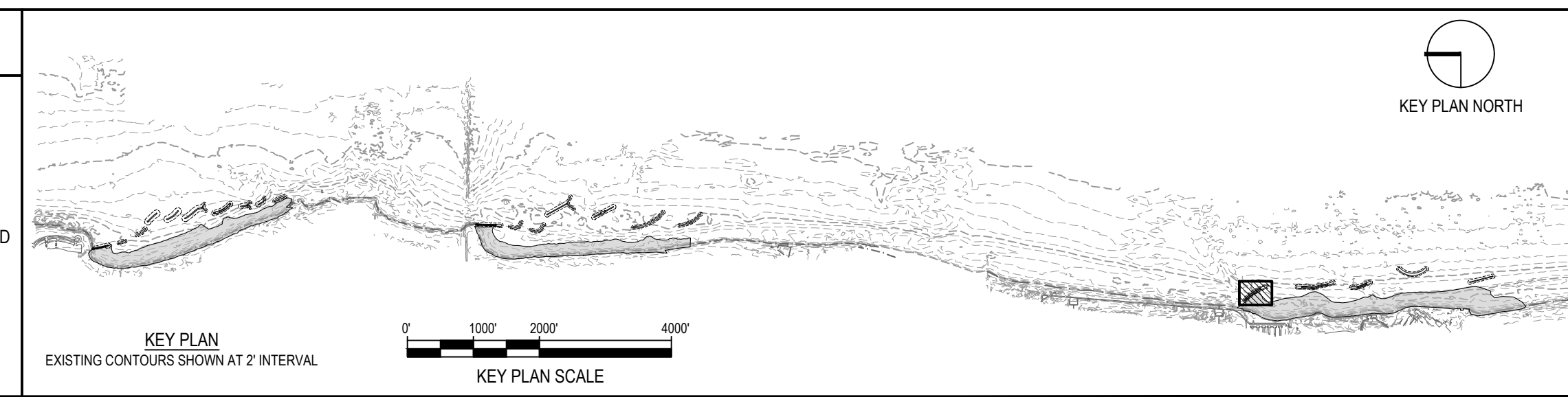
2 BW3.1 PROFILE



SHEET NOTES

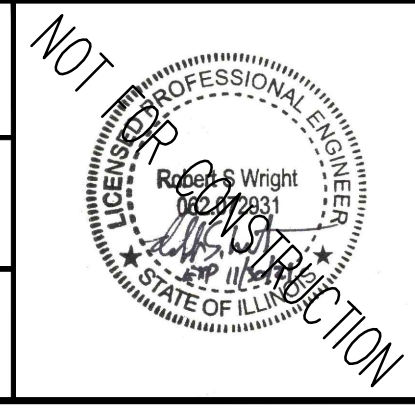
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
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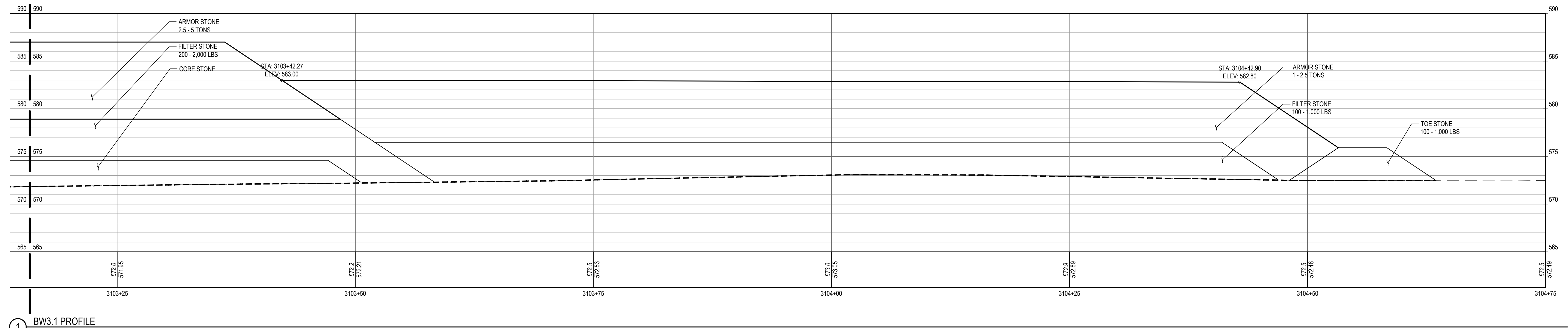


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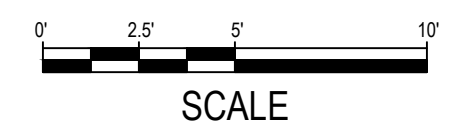
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 Illinois Capital Development Board

PROFILE - BW3.1	PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS	DATE 02/26/2021
	SHEET NO. C-302
	OF (124) SHEETS



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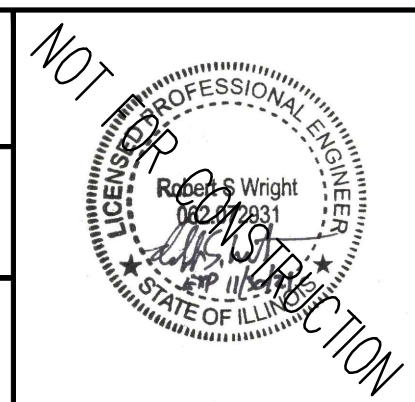
SCALE: 1" = 5'



<p>SHEET NOTES</p>	<p>LEGEND</p> <ul style="list-style-type: none"> --- PROFILE / SECTION - EXISTING GRADE — PROFILE - FINISH GRADE AT CENTERLINE - - - PROFILE - FINISH GRADE AT REFERENCE LINE - - - PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID - - - SECTION - FINISH BEACH GRADE 	<p>KEY PLAN EXISTING CONTOURS SHOWN AT 2' INTERVAL</p> <p>KEY PLAN NORTH</p> <p>KEY PLAN SCALE: 0' 1000' 2000' 4000'</p>
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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



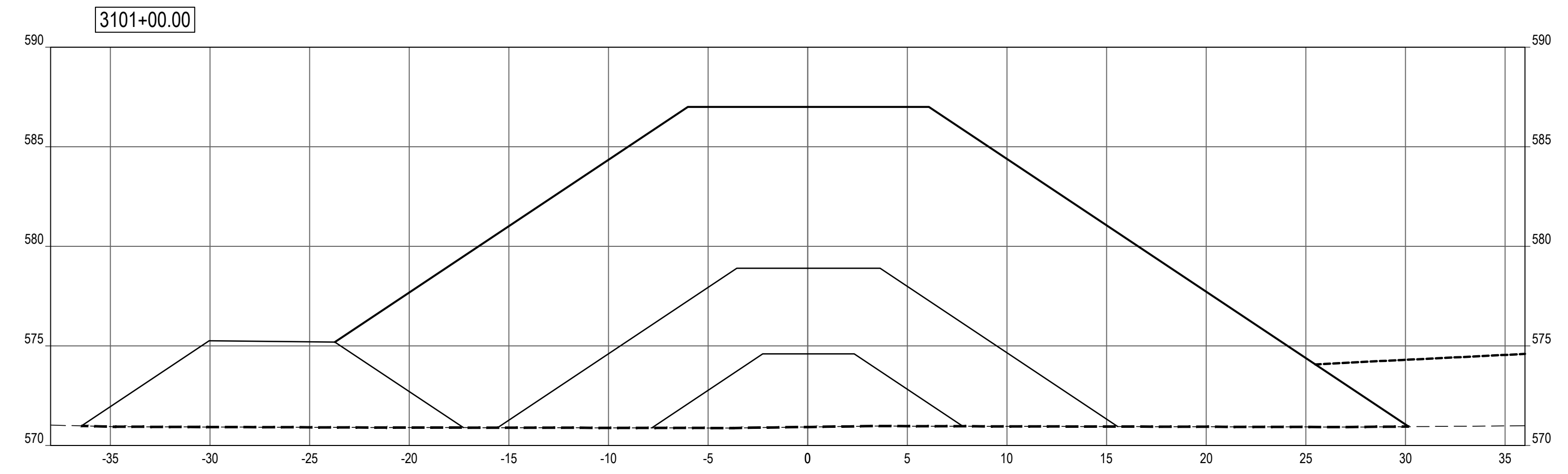
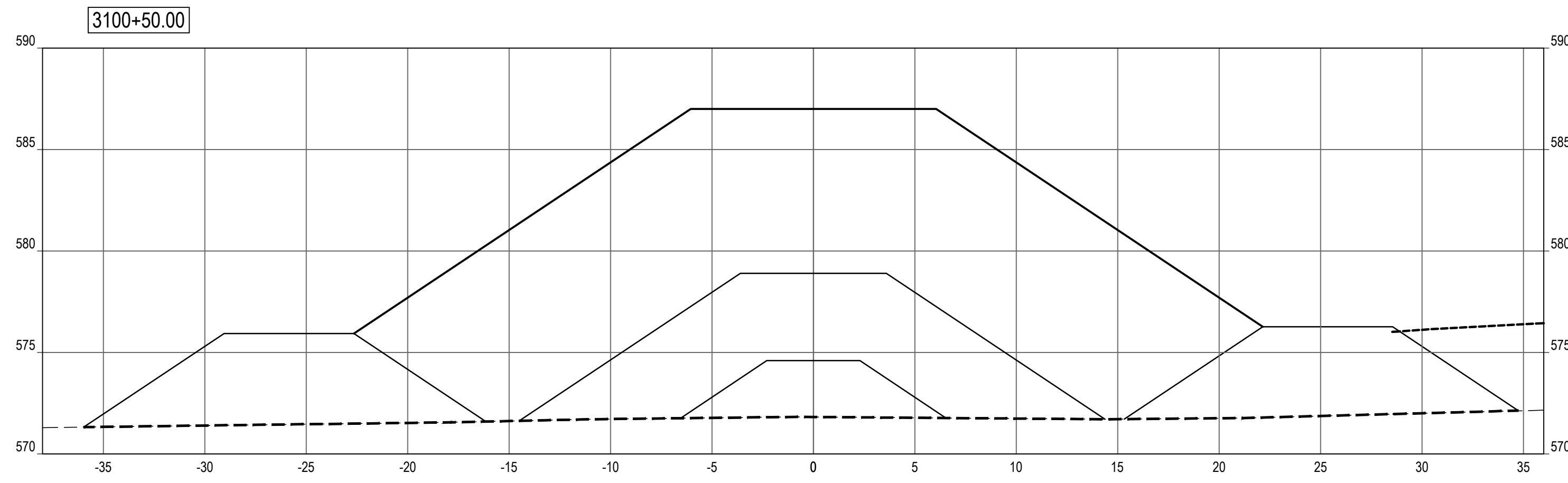
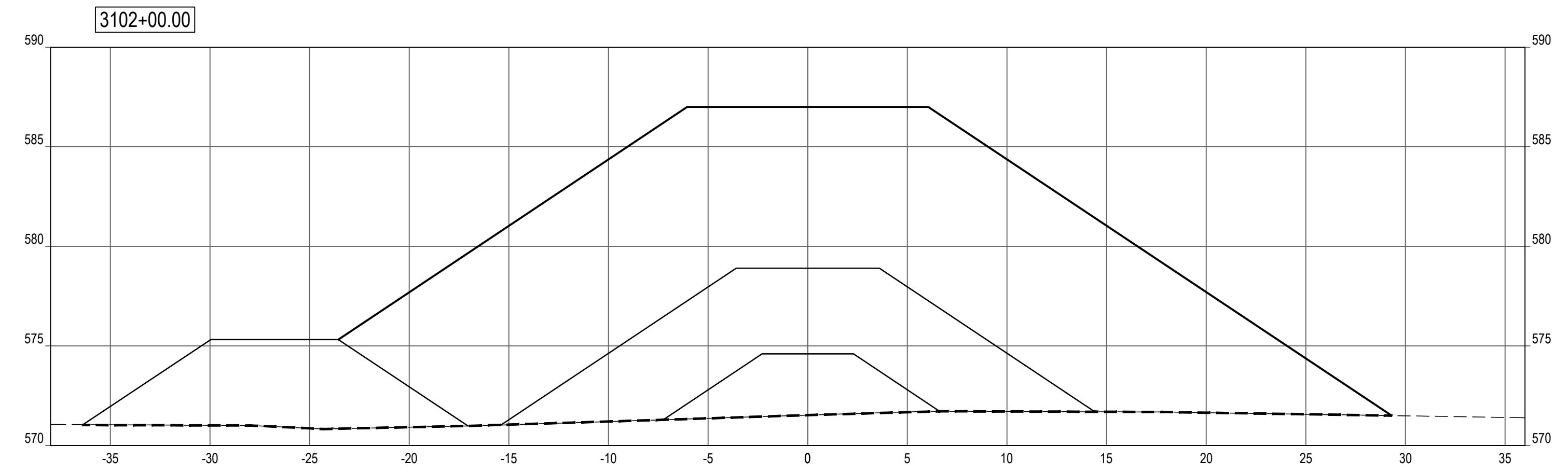
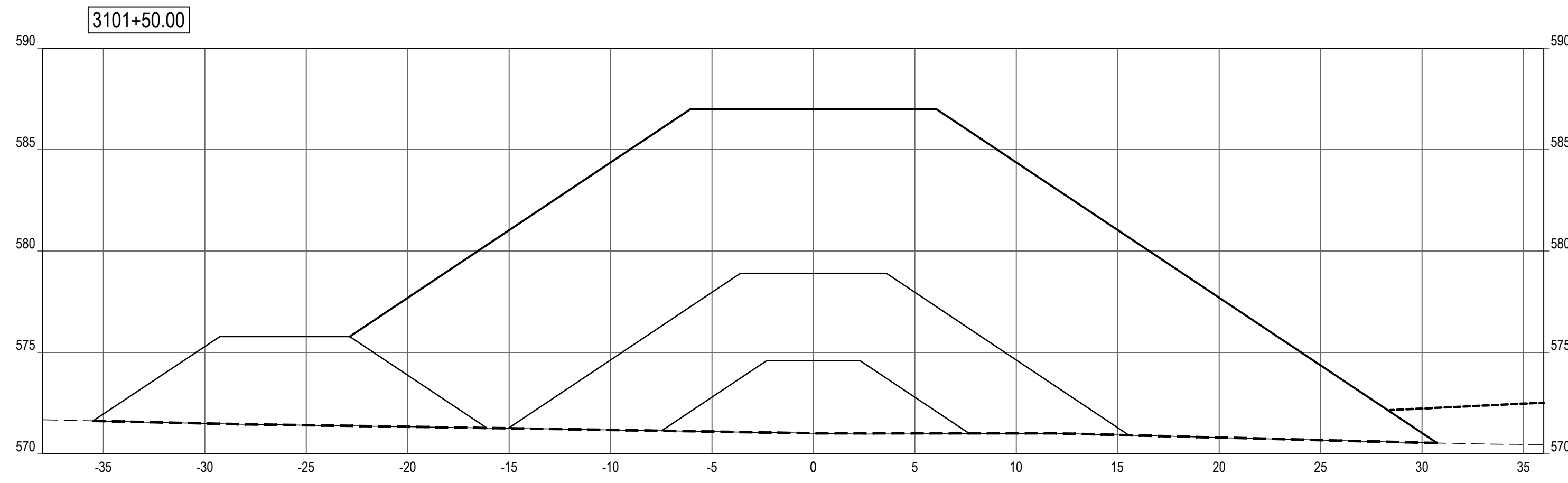
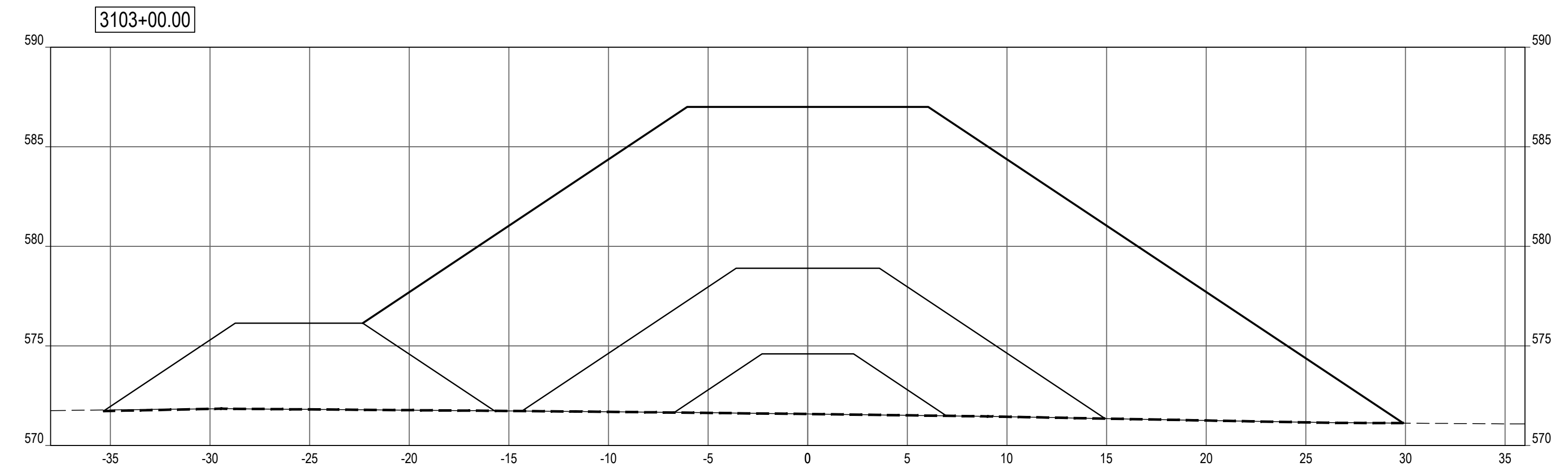
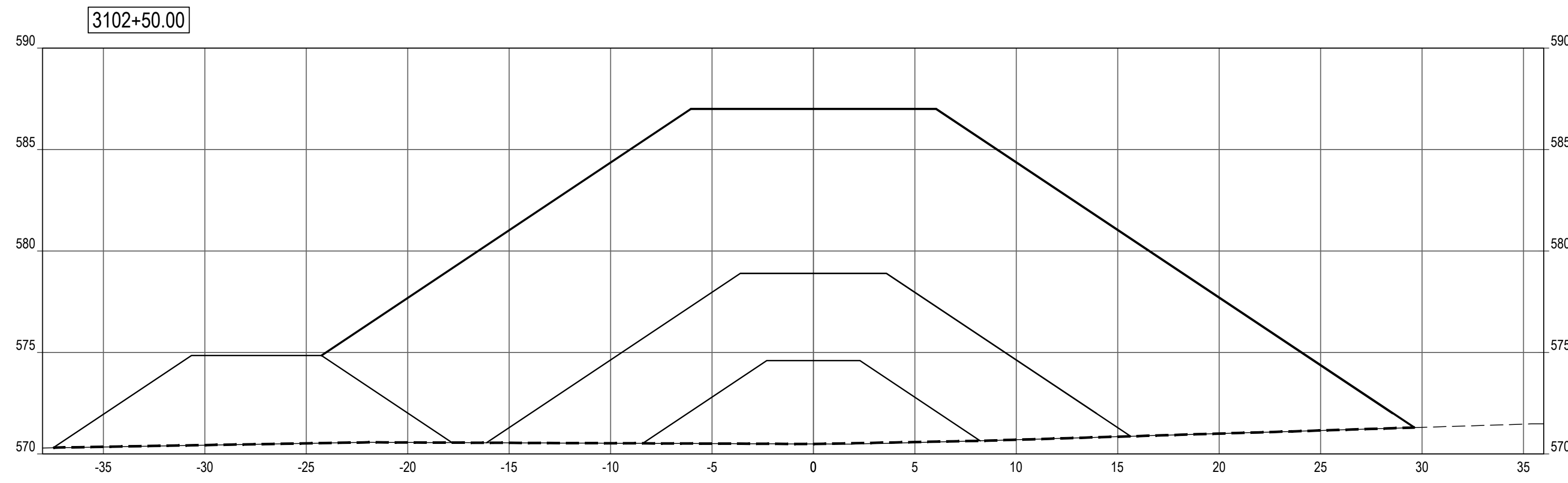
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PROFILE - BW3.1	PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS	DATE 02/26/2021
	SHEET NO. C-303
OF (124) SHEETS	

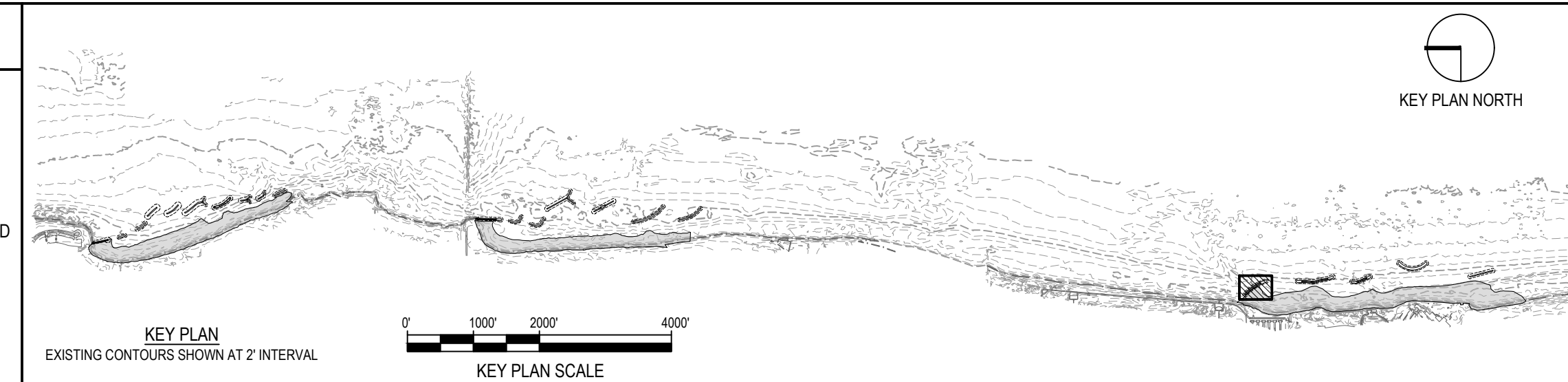
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SHEET NOTES

LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE

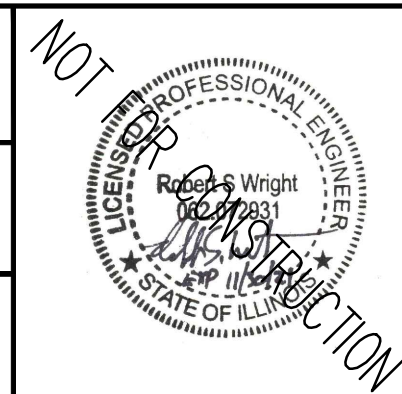


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REVISIONS

NO.	DATE	REMARKS

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TRACED	APPROVED
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CHECKED	APPROVED
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Illinois Capital Development Board

SECTIONS - BW3.1 (STA 3100+50 TO 3103+00)

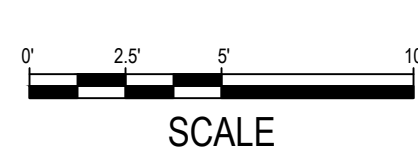
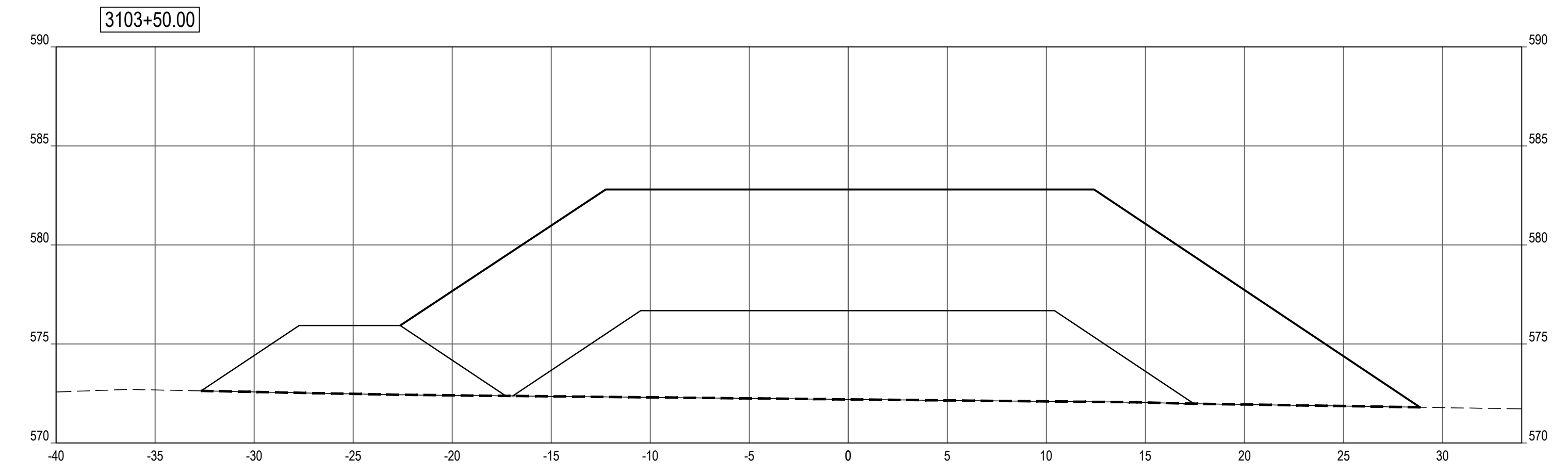
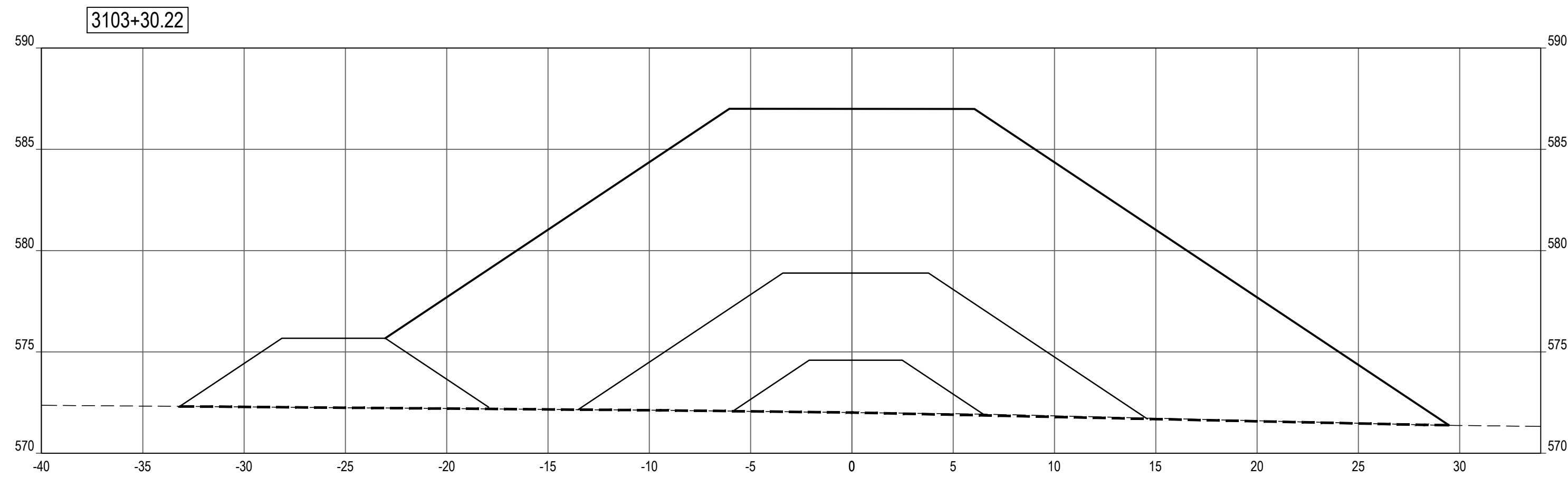
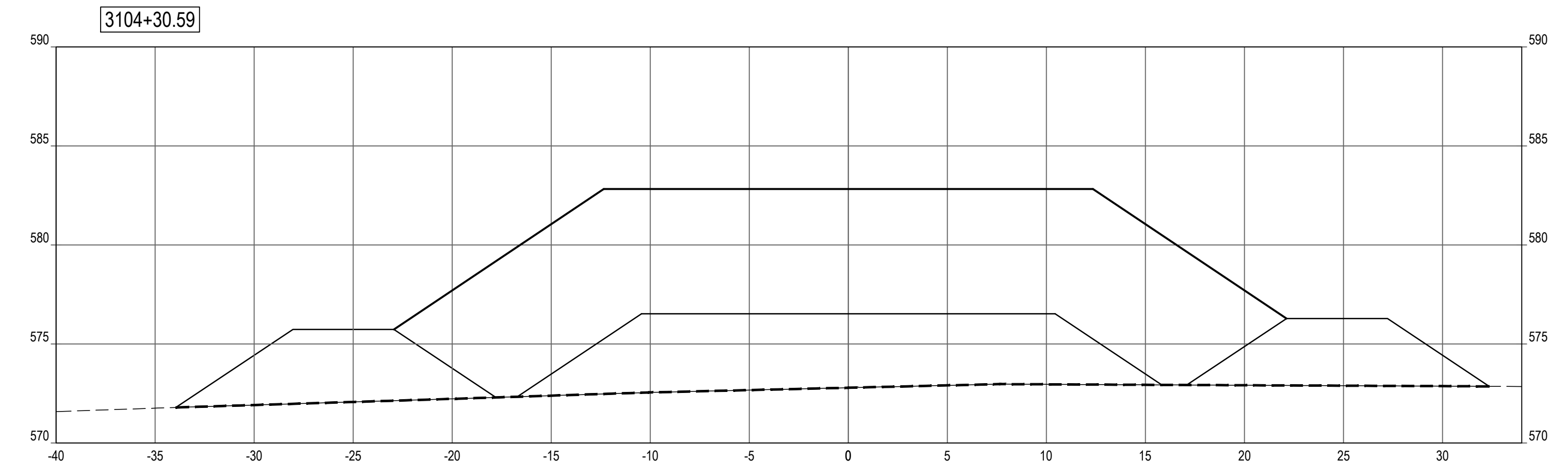
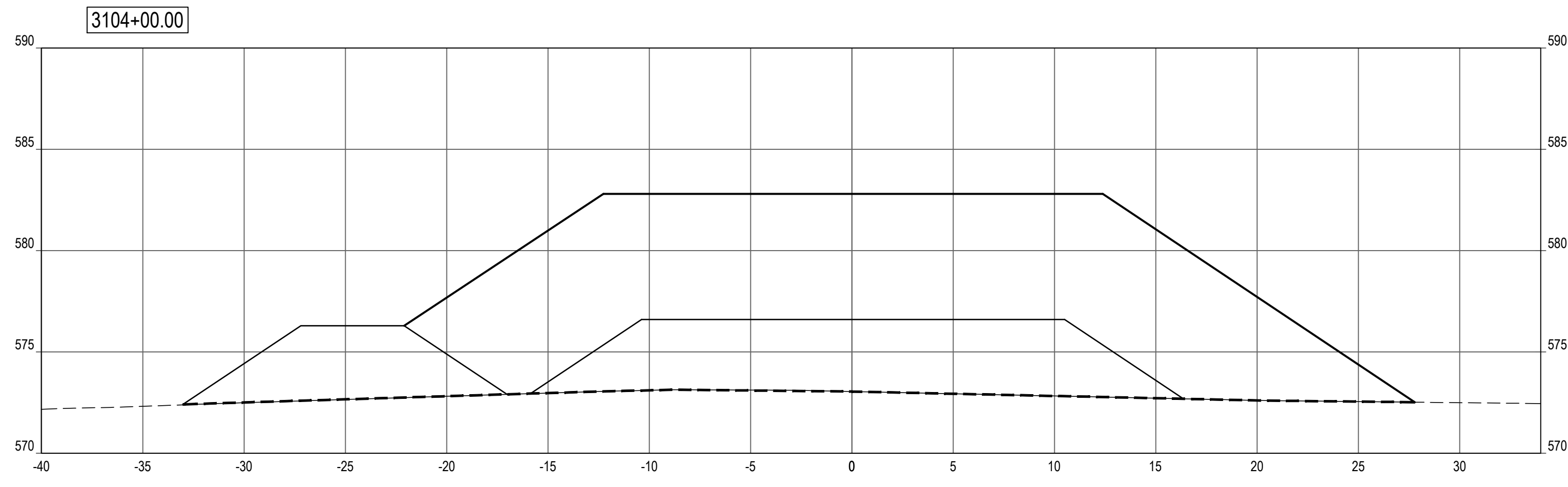
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO.
102-311-099

DATE
02/26/2021

SHEET NO.
C-304

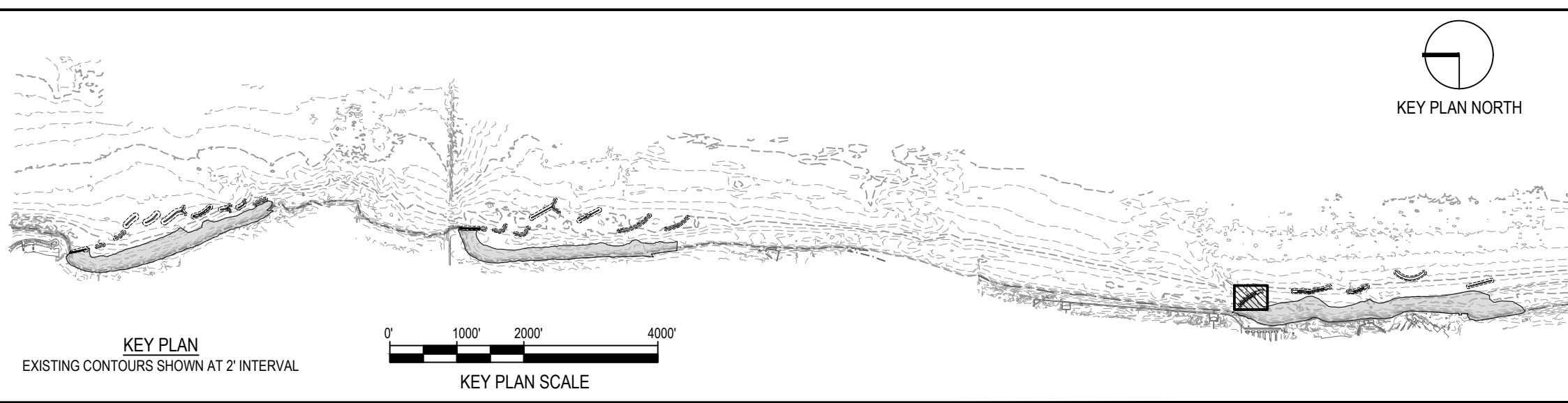
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SHEET NOTES

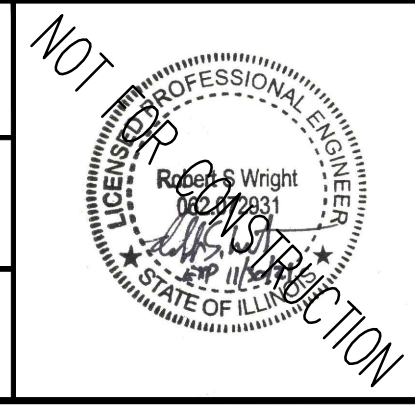
LEGEND

- PROFILE / SECTION - EXISTING GRADE
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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
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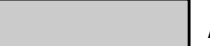
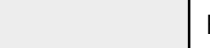
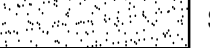



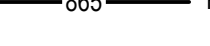
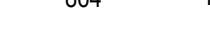
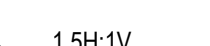




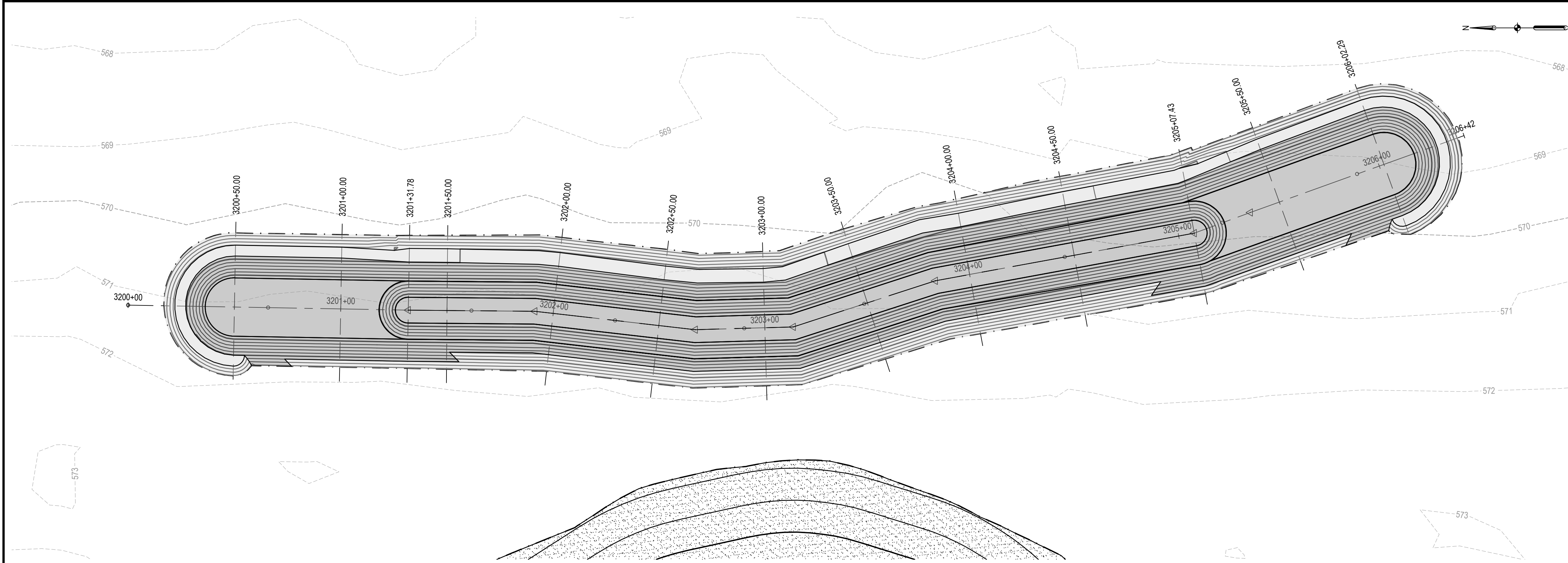
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SECTIONS - BW3.5 (STA 3103+30 TO 3104+31)		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-305
		OF (124) SHEETS

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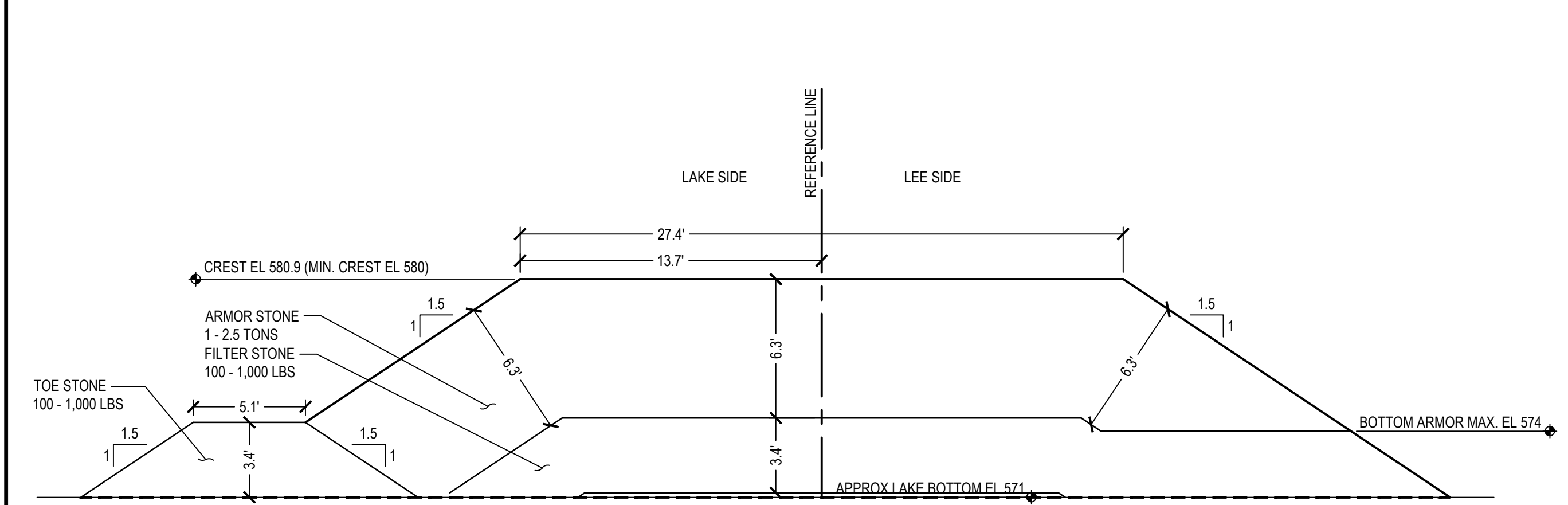
LEGEND

-  ARMOR STONE
-  FILTER STONE / TOE STONE
-  SAND BEACH
-  NAVIGATION AID
-  EXISTING MAJOR CONTOUR
-  EXISTING MINOR CONTOUR
-  PROPOSED MAJOR CONTOUR
-  PROPOSED MINOR CONTOUR
-  GRADING LIMITS
-  1.5H:1V COASTAL STRUCTURE SIDE SLOPE
-  SECTION - COMPOSITE GEOTEXTILE GEOGRID



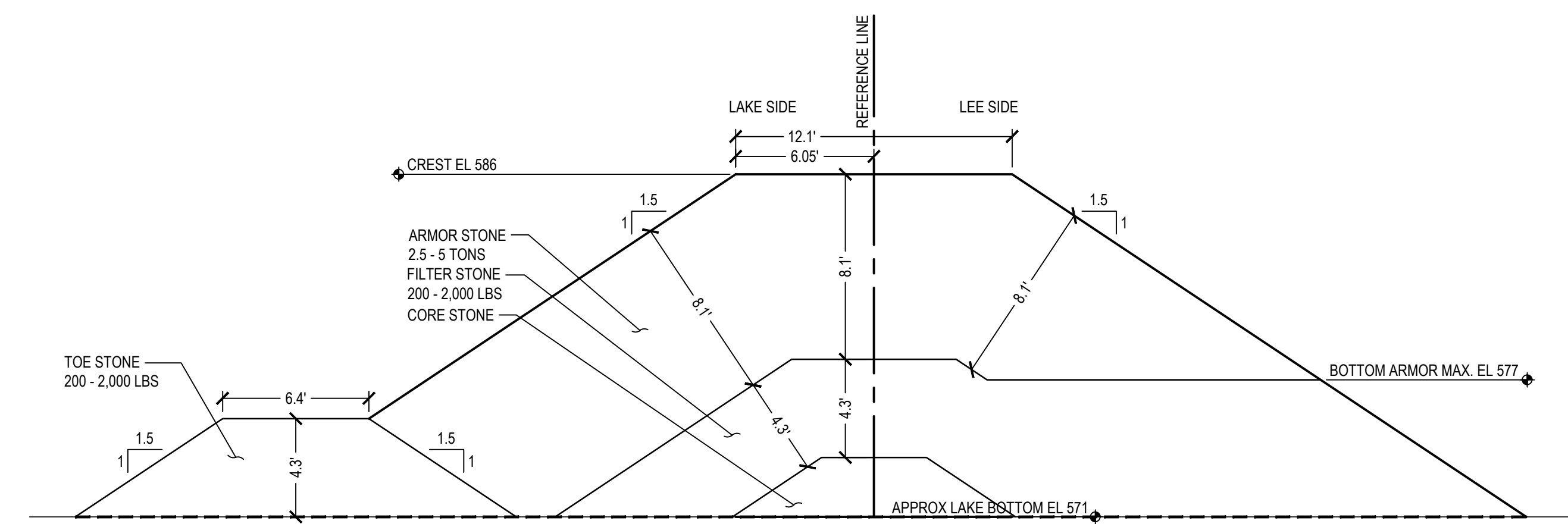
1 BW3.2 LAYOUT & GRADING
PLAN

SCALE: 1" = 30'



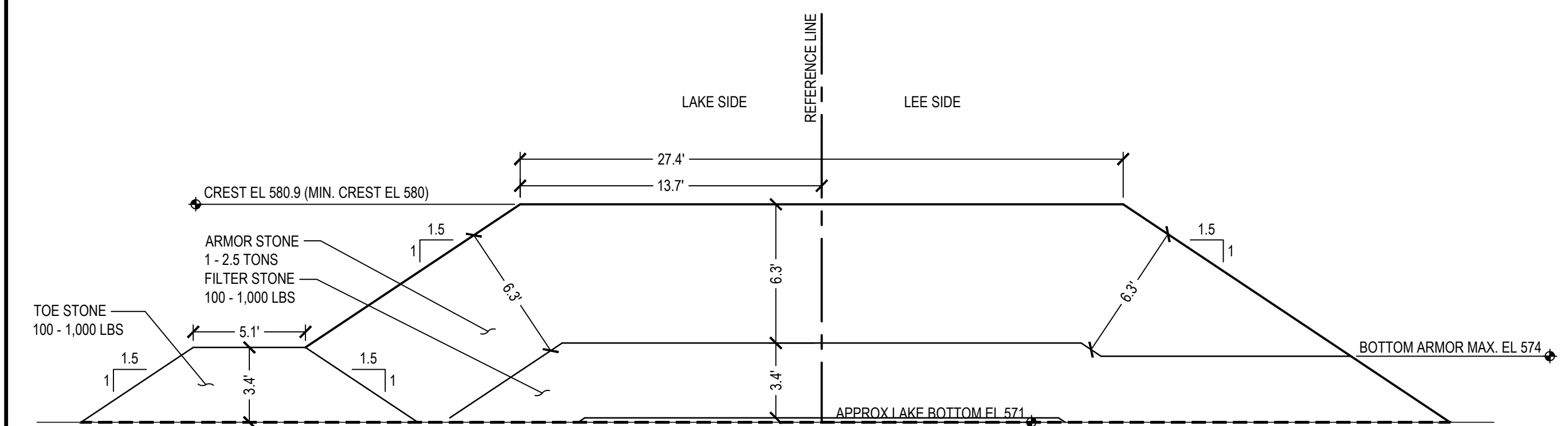
2 BW3.2 NORTH TRUNK (START TO 3201+18.30)
SECTION

SCALE: 1" = 5'



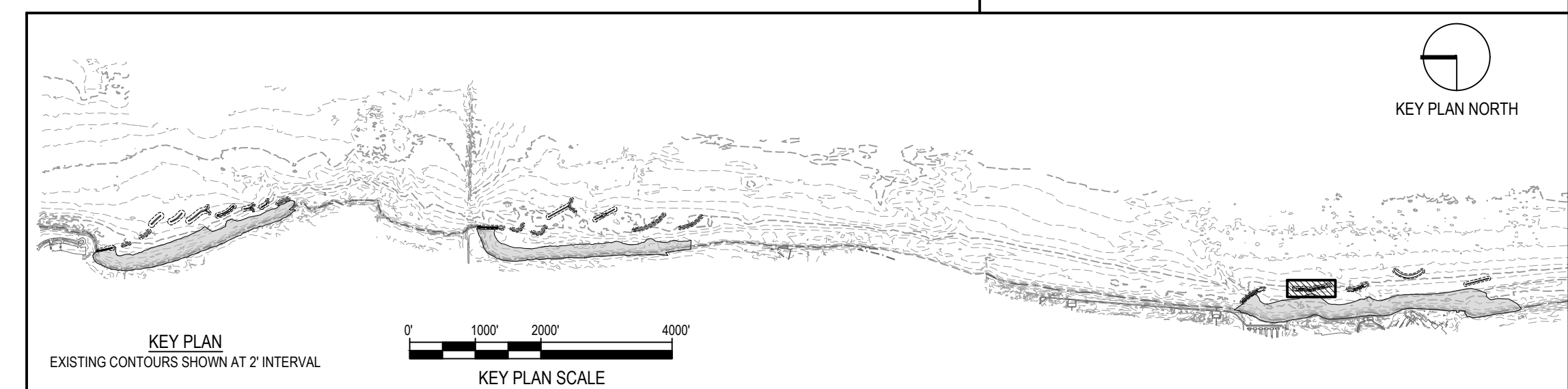
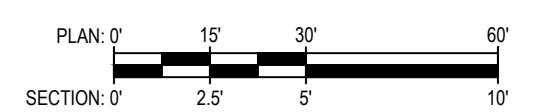
3 BW3.2 CENTRAL TRUNK (STA 3201+26.00 TO STA 3205+13.40)
SECTION

SCALE: 1" = 5'



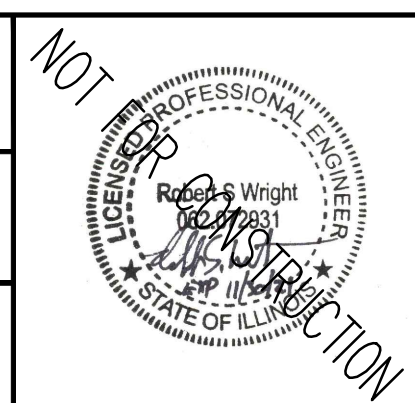
4 BW3.2 SOUTH TRUNK (STA 3205+22.50 TO END)
SECTION

SCALE: 1" = 5'



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
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PLAN & TYPICAL SECTIONS - BW3.2

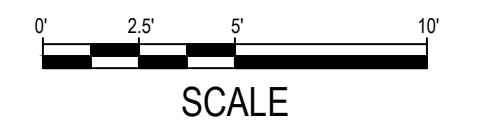
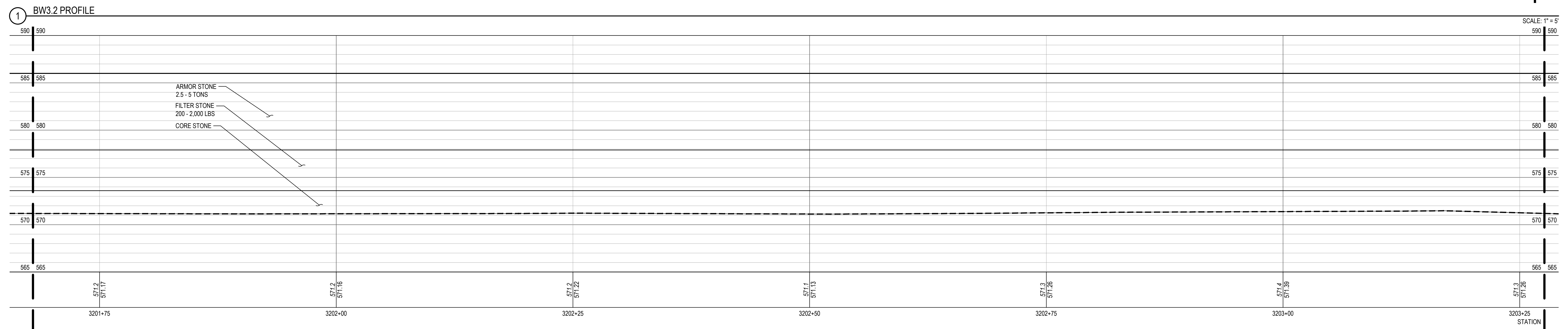
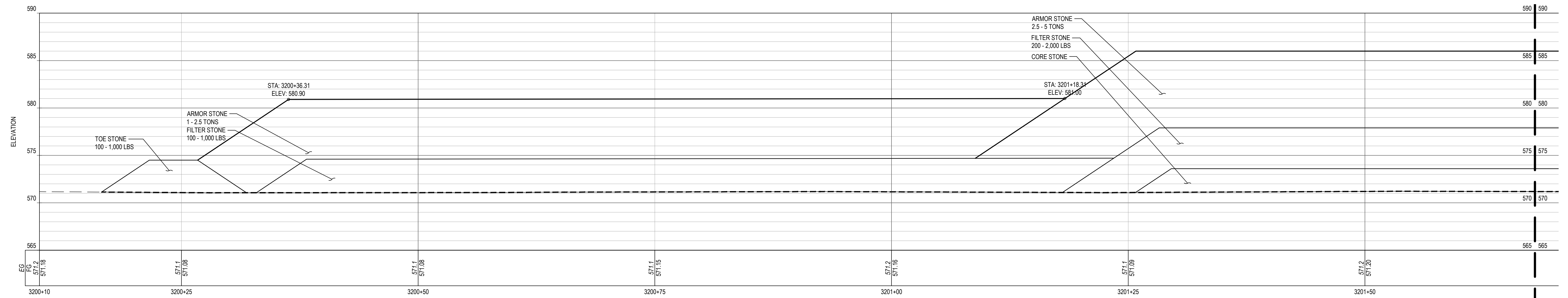
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
1 LAKE FRONT DRIVE
ZION, LAKE COUNTY, ILLINOIS

PROJECT NO.
102-311-099

DATE
02/26/2021

SHEET NO.
C-306

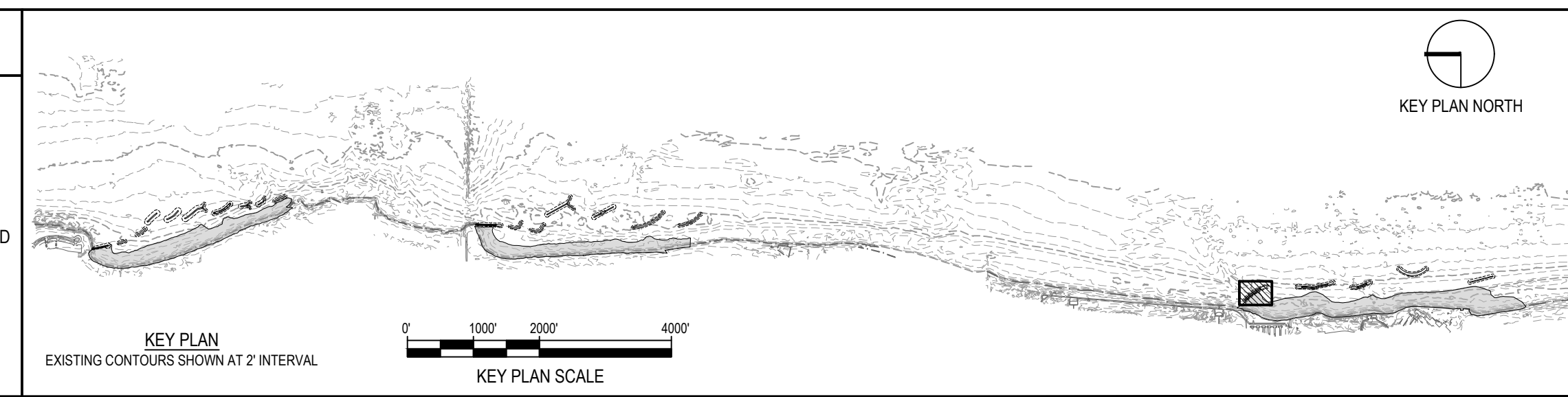
OF (124) SHEETS



SHEET NOTES

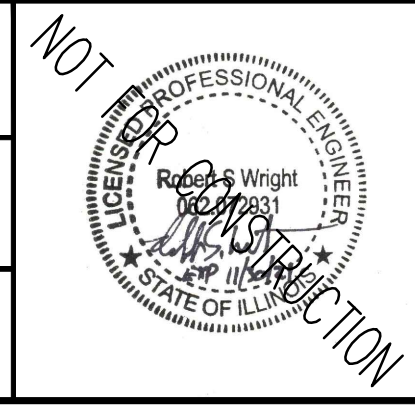
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- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE

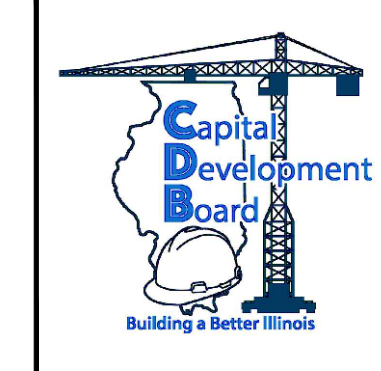


NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
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			CHECKED	APPROVED

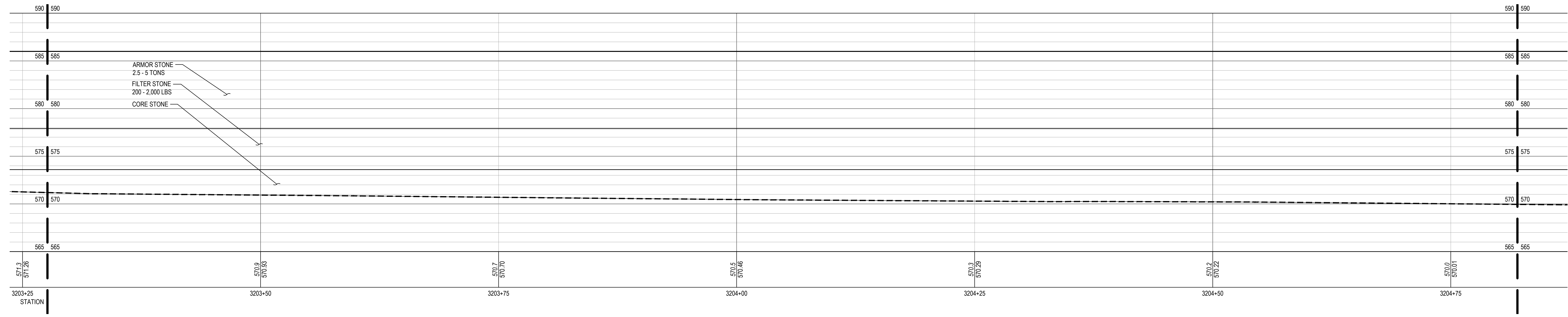


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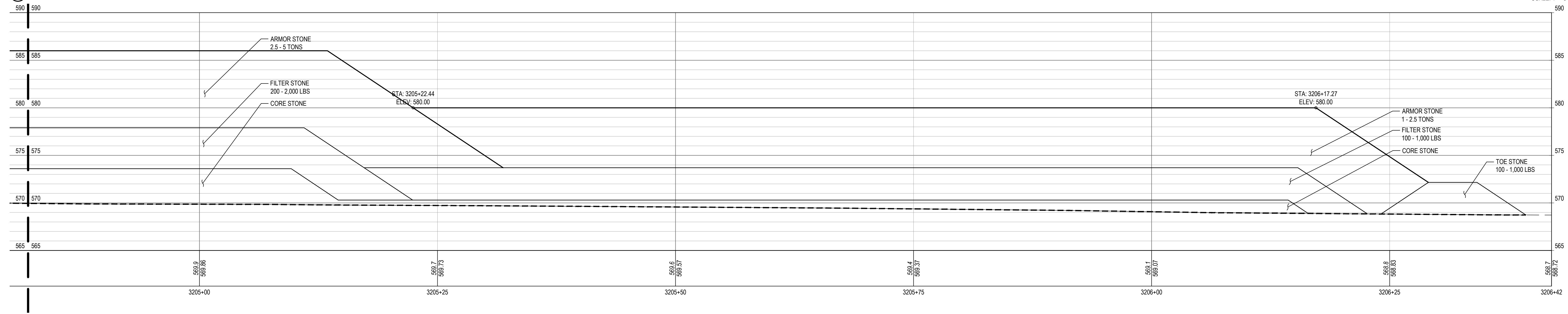


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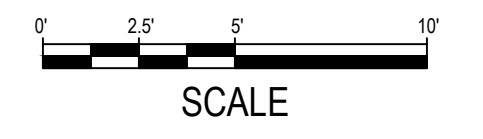
PROFILE - BW3.2	PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS	DATE 02/26/2021
	SHEET NO. C-307
	OF (124) SHEETS



1 BW3.2 PROFILE



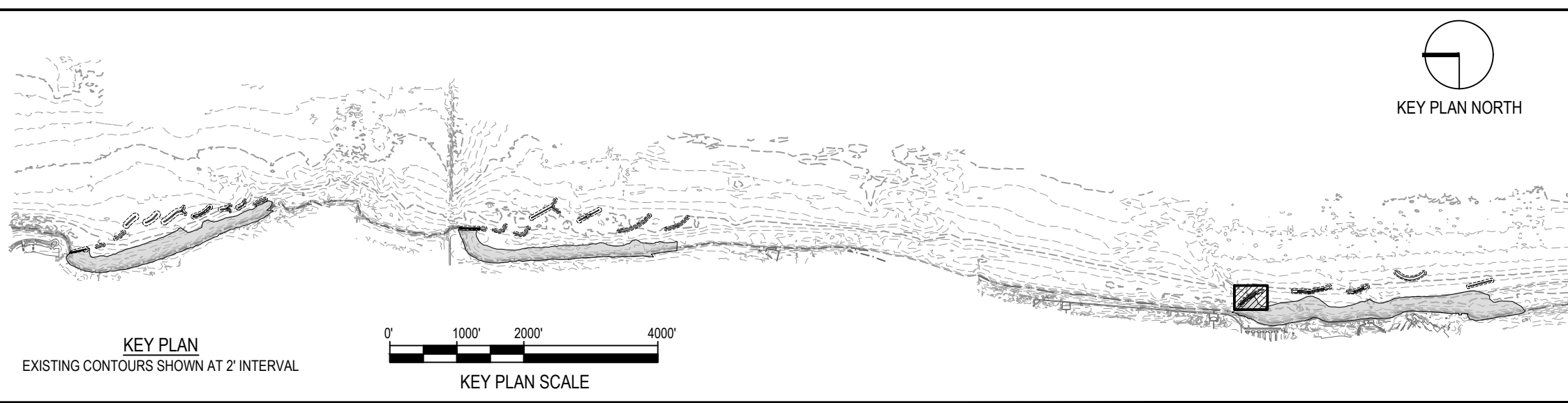
2 BW3.2 PROFILE



SHEET NOTES

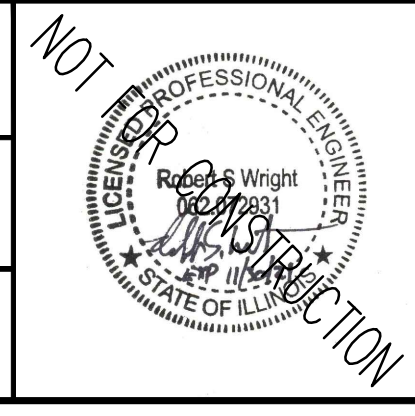
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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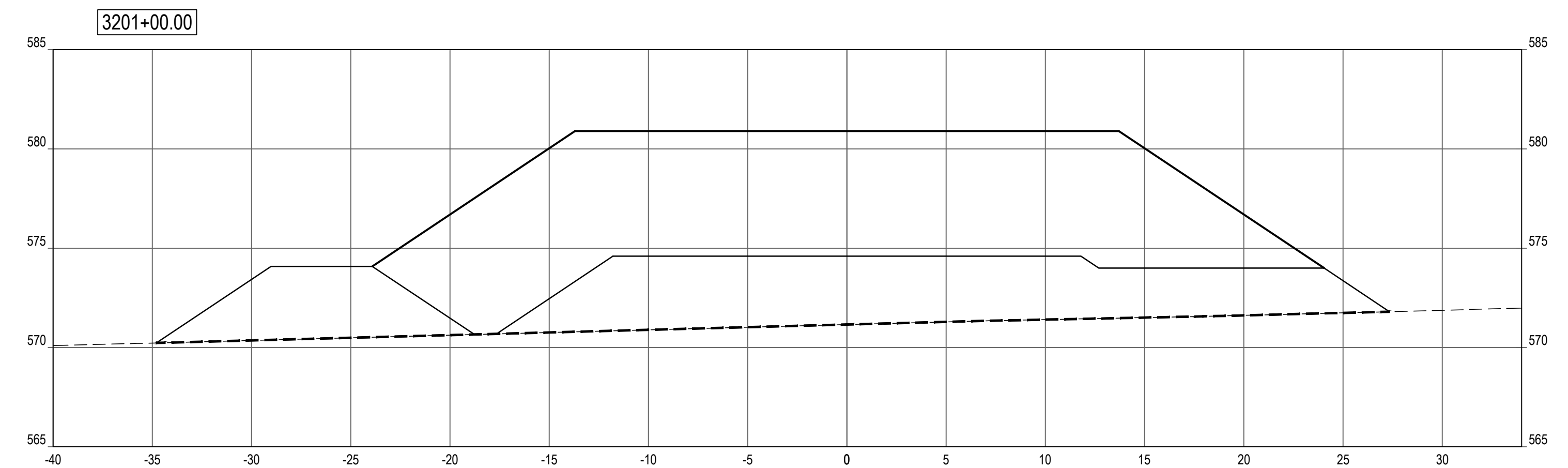
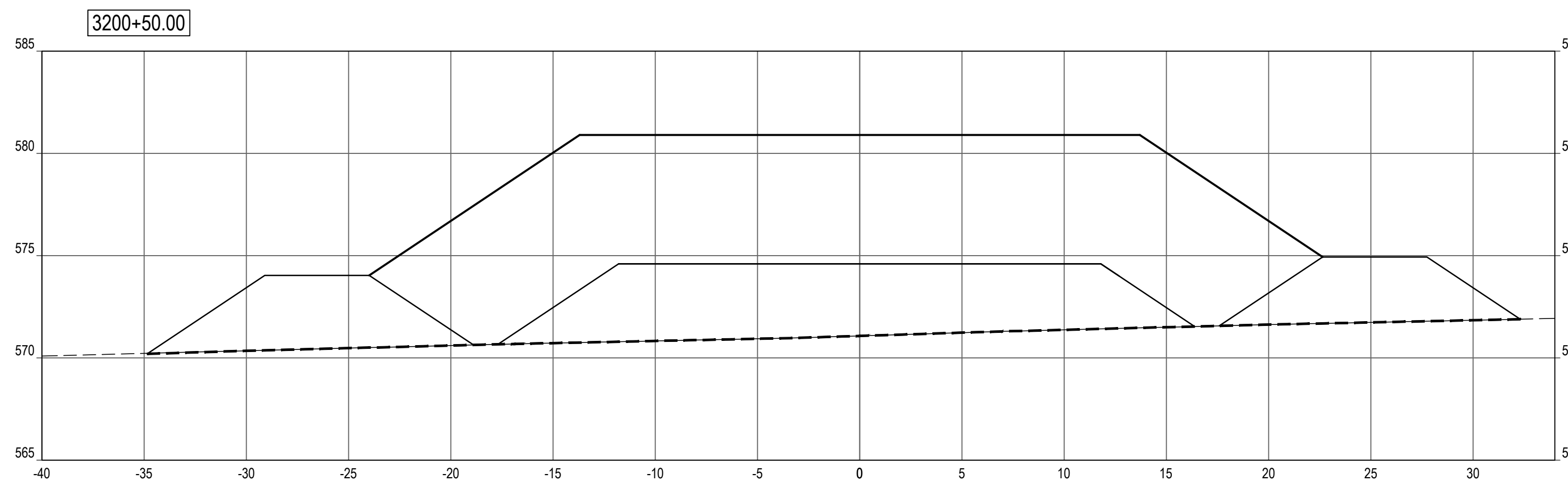
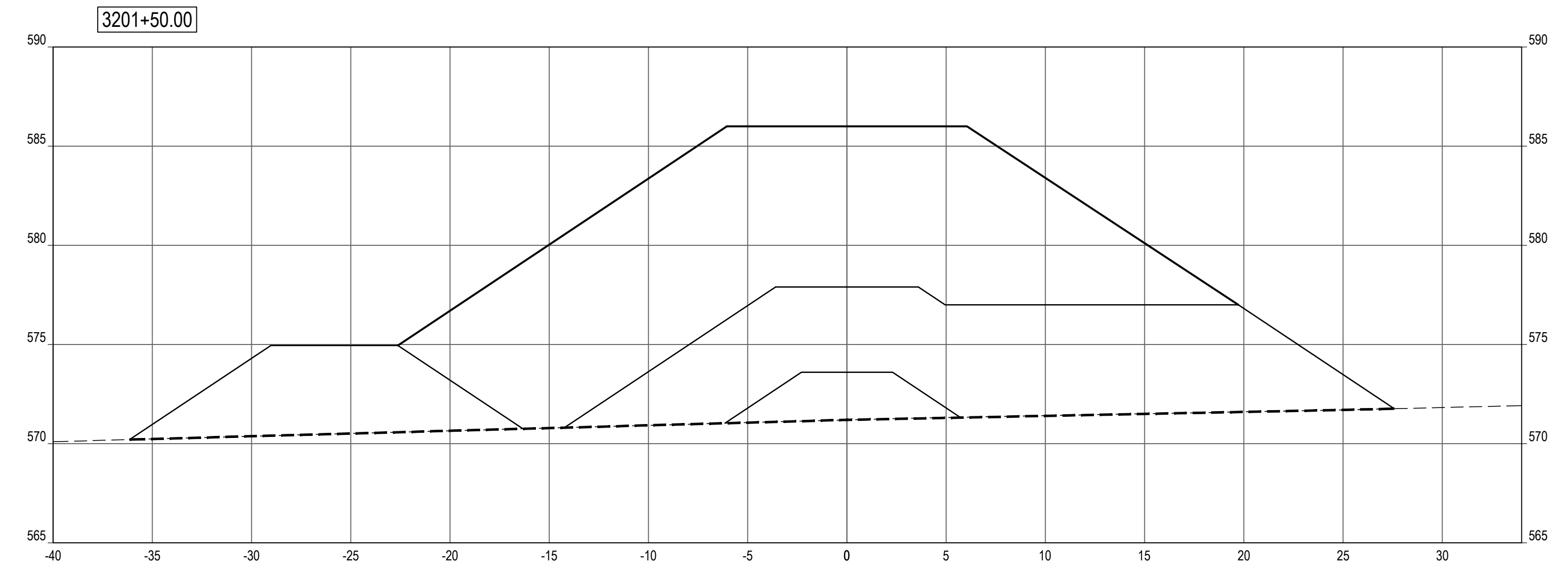
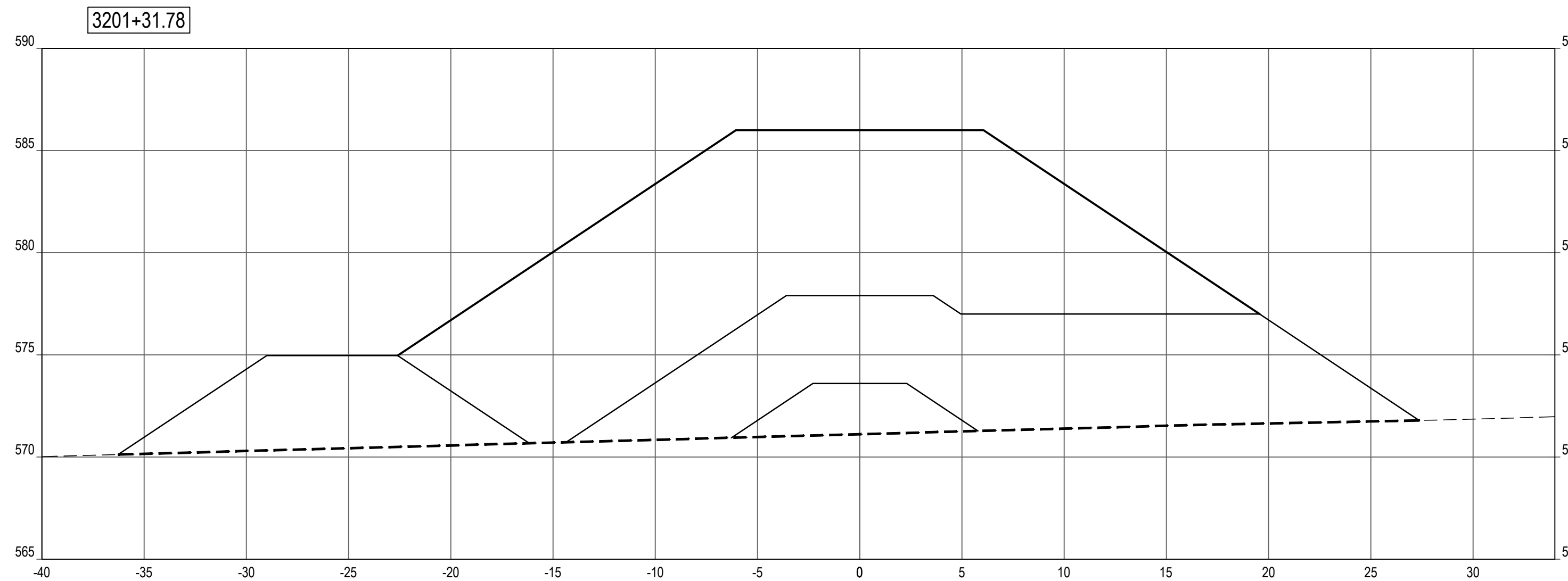


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PROFILE - BW3.2
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-308**
 OF (124) SHEETS

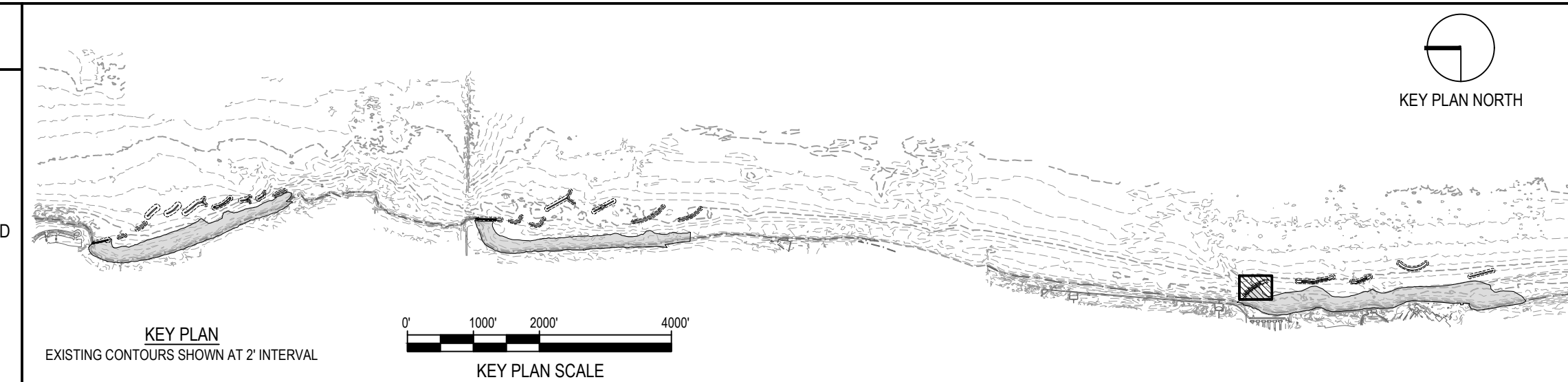
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SHEET NOTES

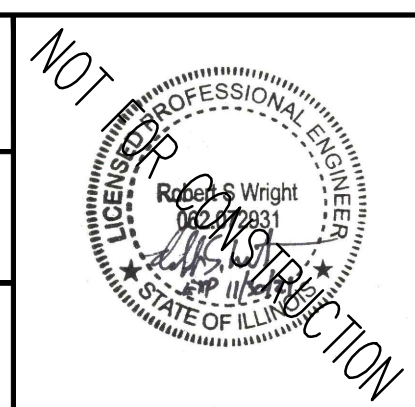
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- · · PROFILE - FINISH GRADE AT REFERENCE LINE
- - - - PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- - - - SECTION - FINISH BEACH GRADE

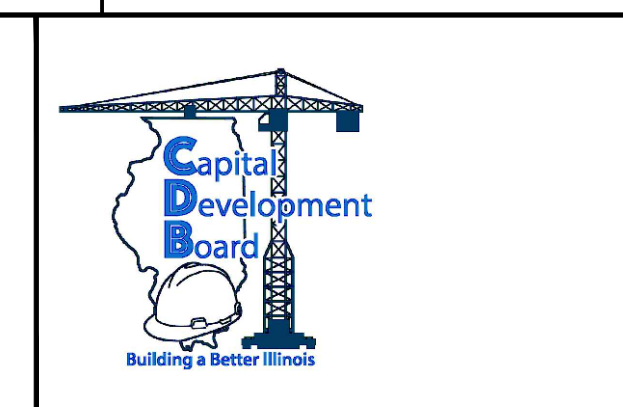


NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
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			CHECKED	APPROVED



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SECTIONS - BW3.2 (STA 3200+50 TO 3201+50)

ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

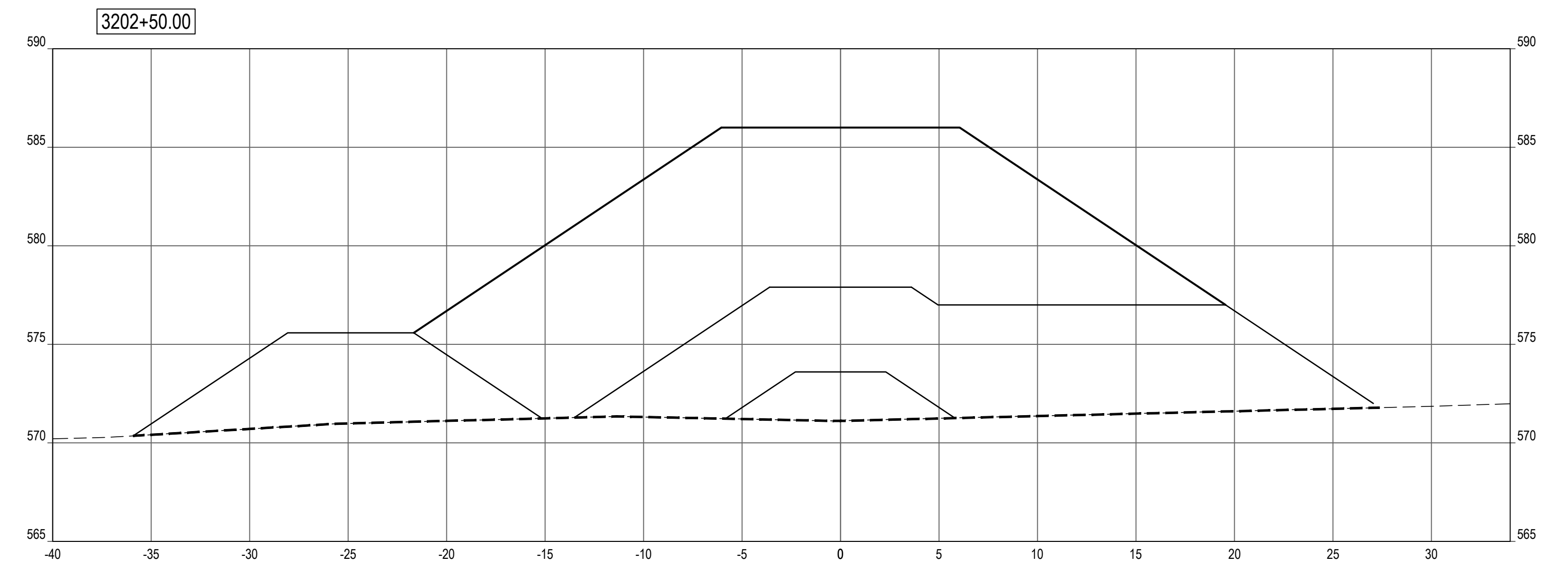
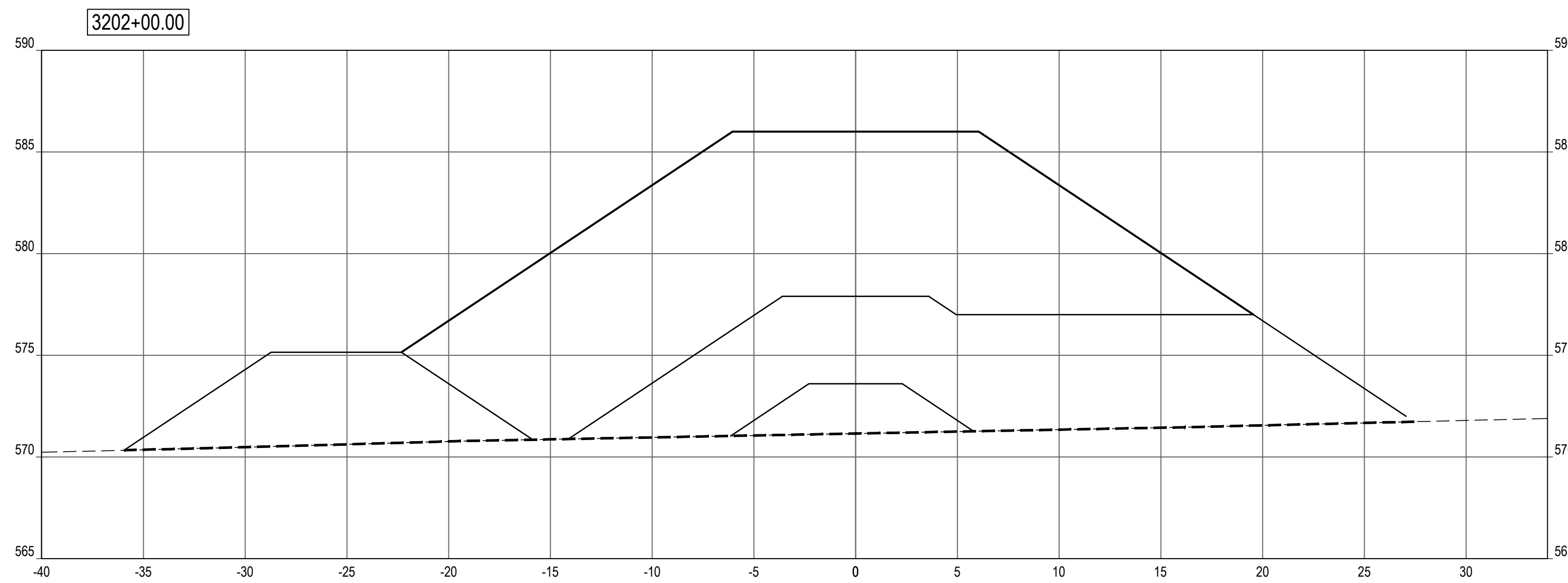
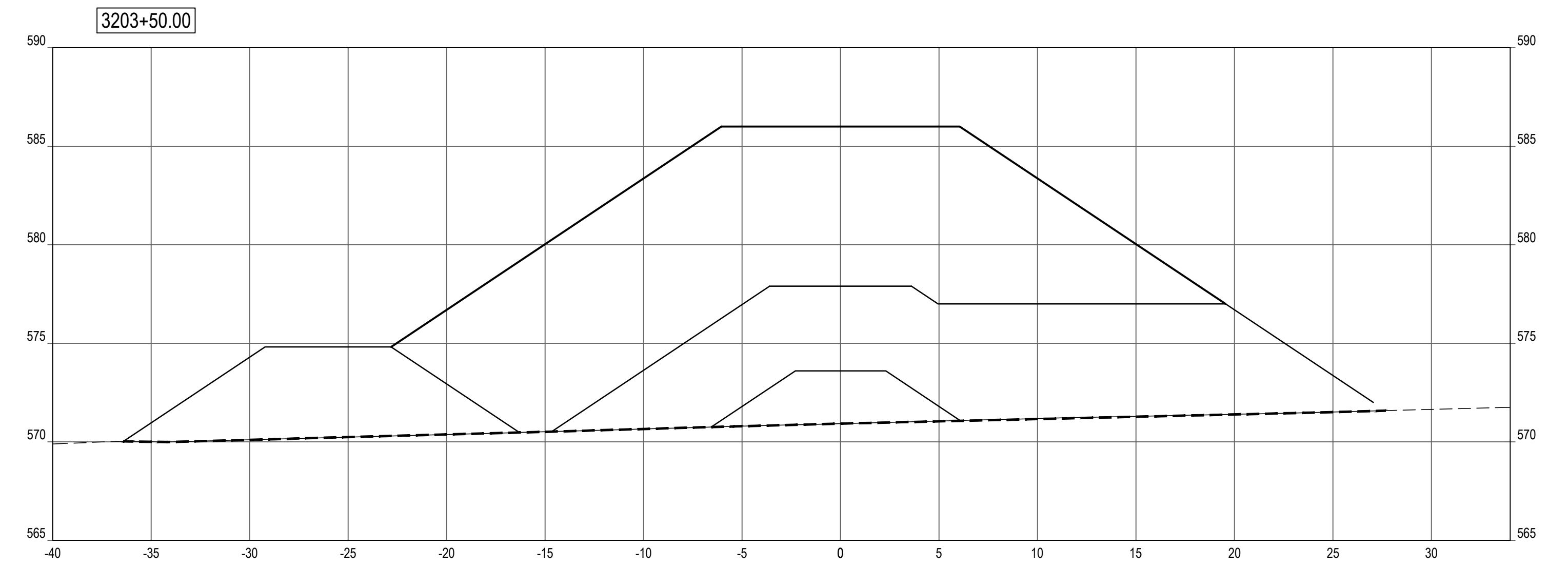
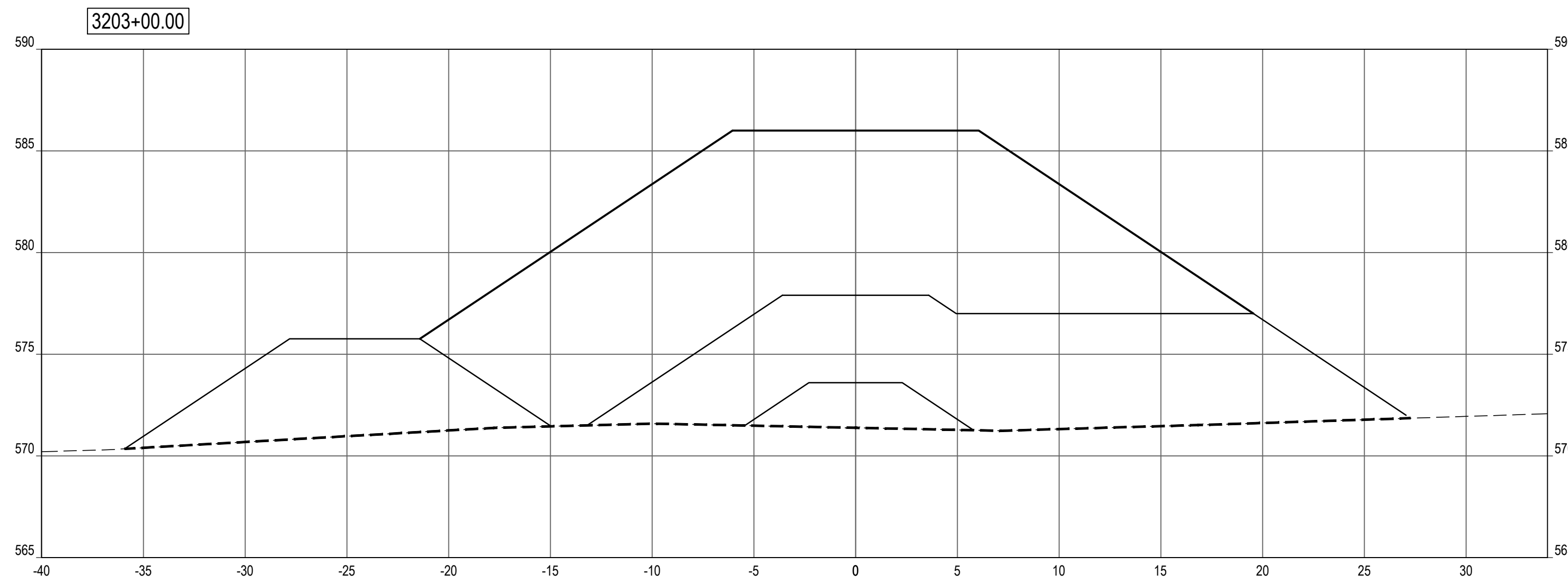
PROJECT NO.
102-311-099

DATE
02/26/2021

SHEET NO.

C-309

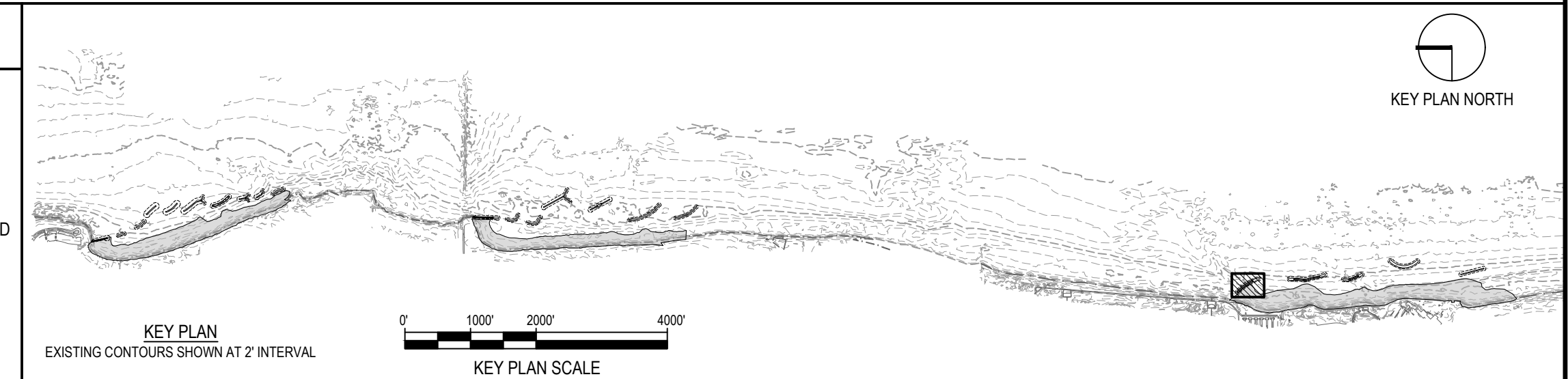
OF (124) SHEETS



SHEET NOTES

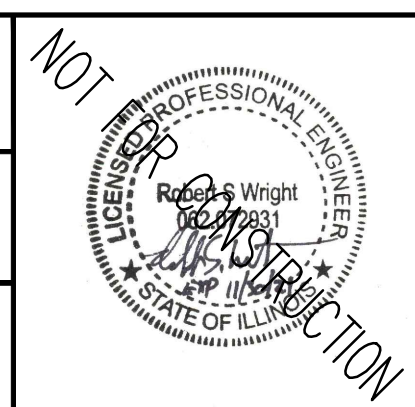
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- · · PROFILE - FINISH GRADE AT REFERENCE LINE
- - - - PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- - - - SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
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			CHECKED	APPROVED



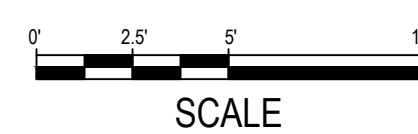
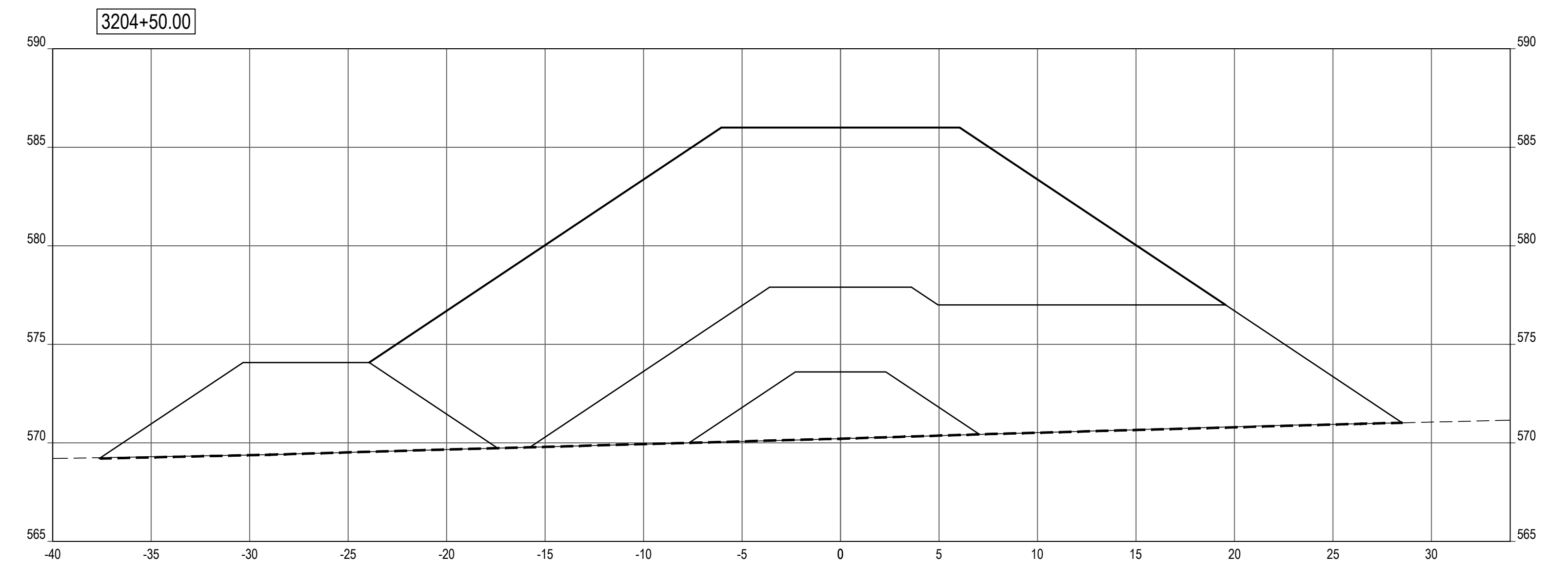
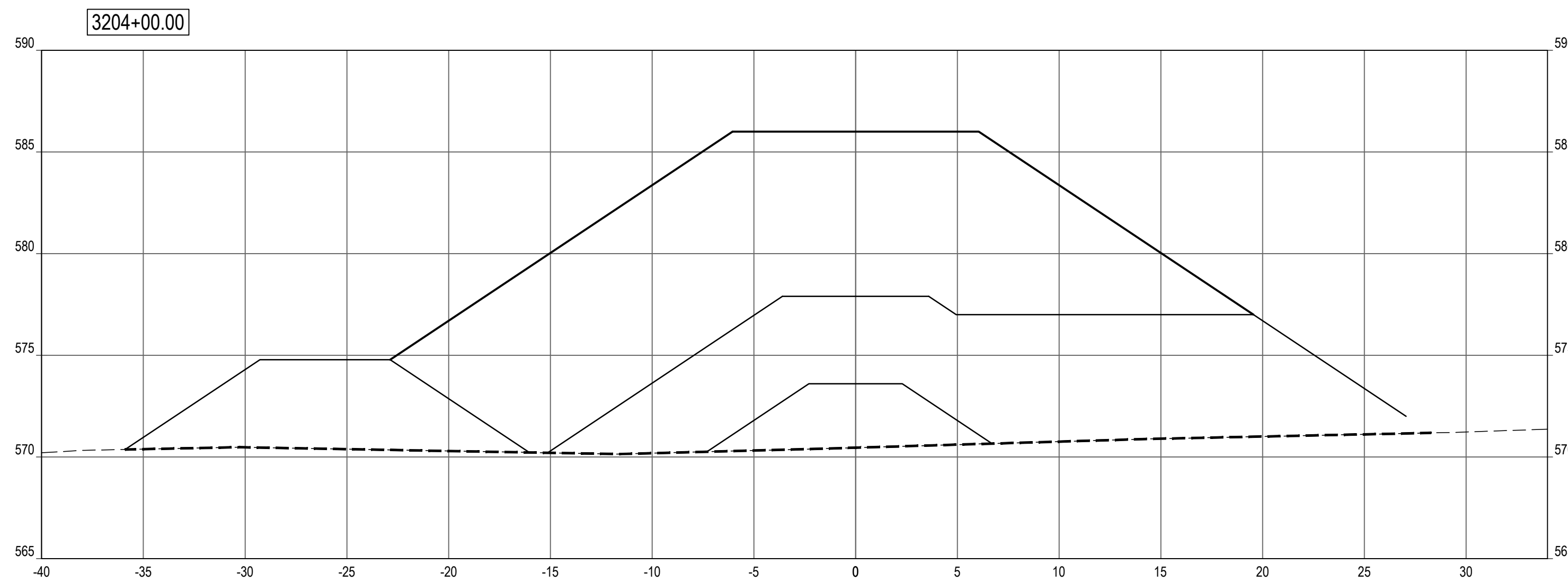
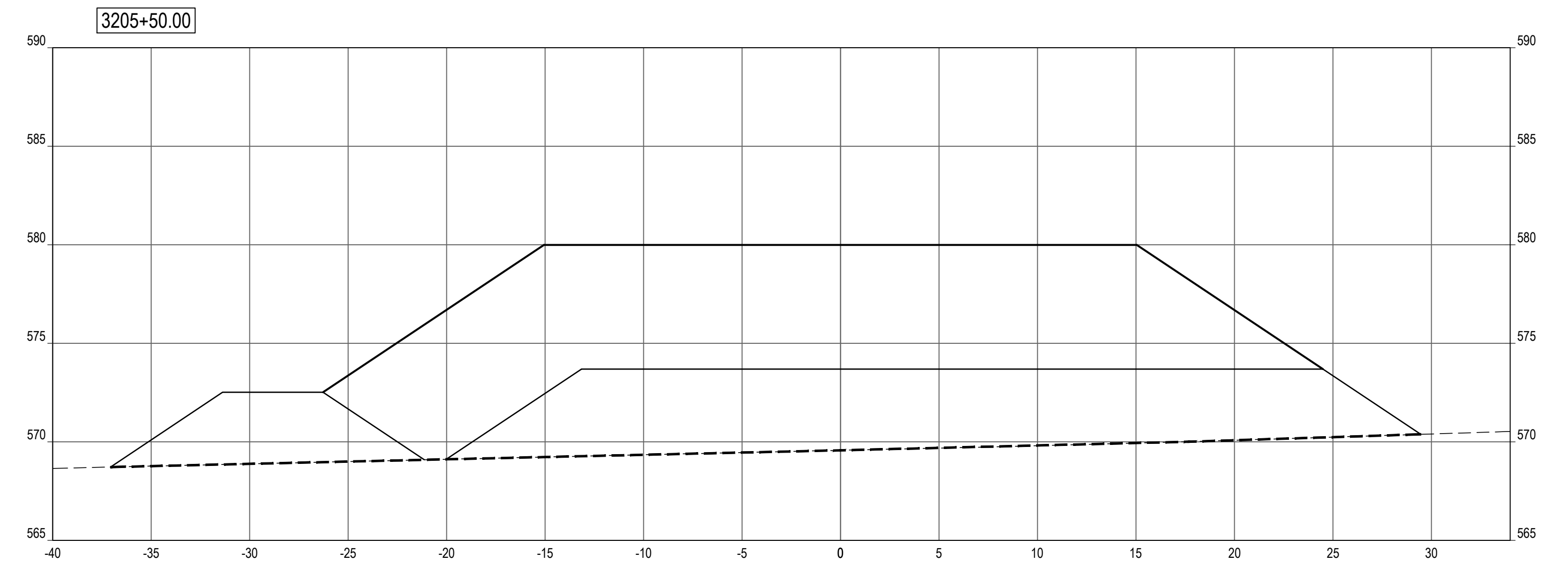
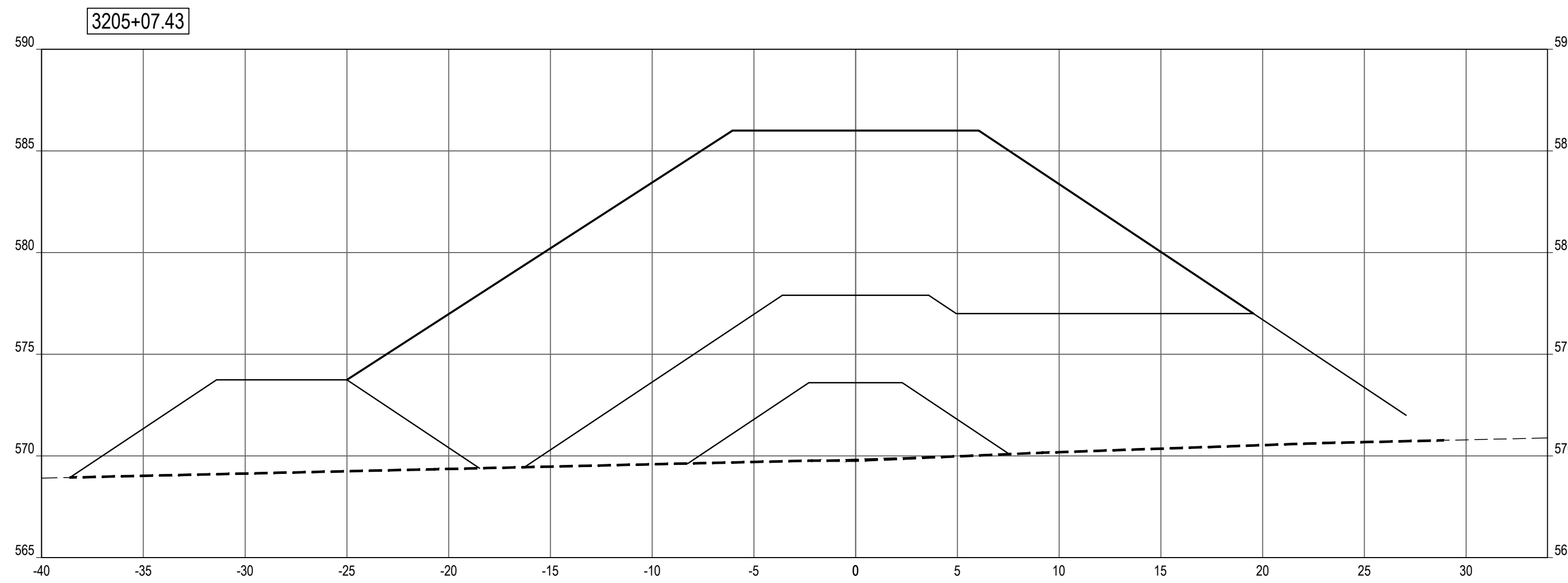
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SECTIONS - BW3.2 (STA 3202+00 TO 3203+50)		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-310
		OF (124) SHEETS

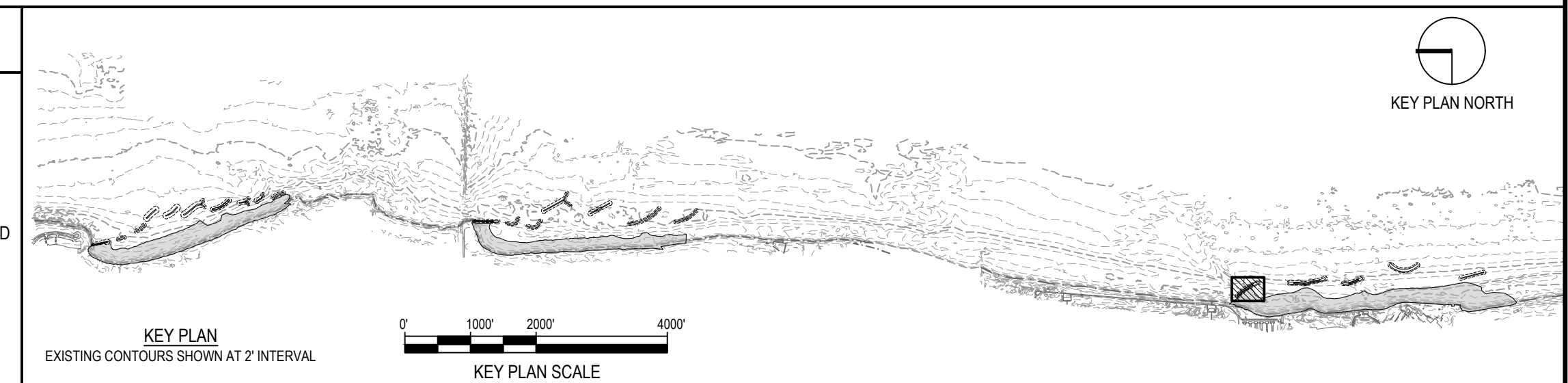
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SHEET NOTES

LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- · · PROFILE - FINISH GRADE AT REFERENCE LINE
- · - · PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- - - SECTION - FINISH BEACH GRADE

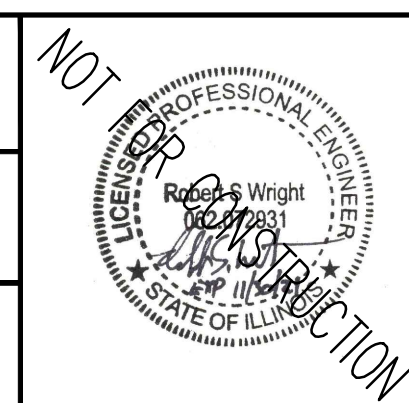


NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS

NO.	DATE	REMARKS

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CHECKED	APPROVED
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SECTIONS - BW3.2 (STA 3204+00 TO 3205+50)

ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

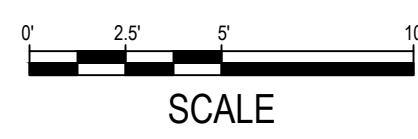
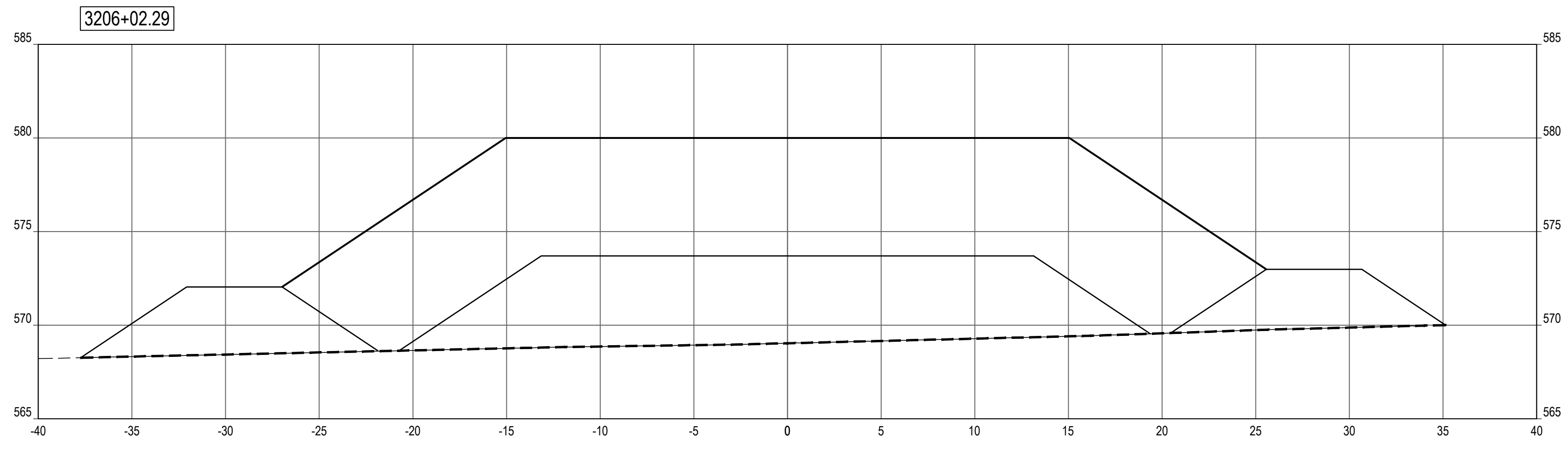
PROJECT NO.
102-311-099

DATE
02/26/2021

SHEET NO.
C-311

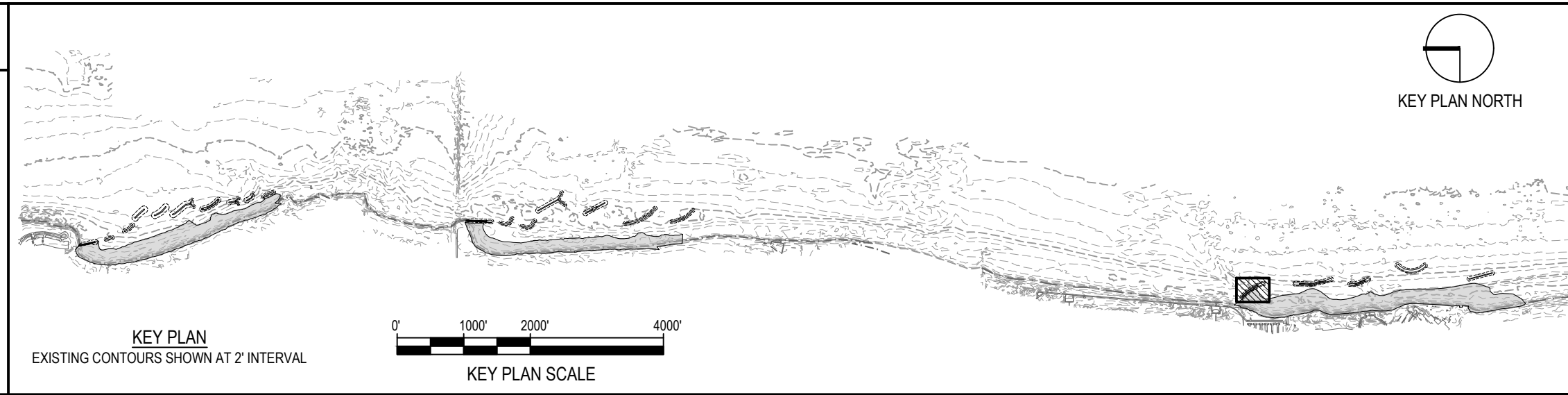
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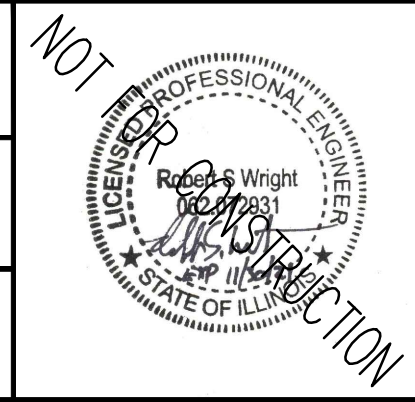
SHEET NOTES

- LEGEND**
- PROFILE / SECTION - EXISTING GRADE
 - PROFILE - FINISH GRADE AT CENTERLINE
 - PROFILE - FINISH GRADE AT REFERENCE LINE
 - PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
 - SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
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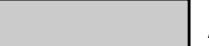
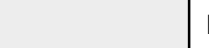
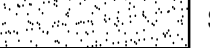



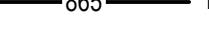
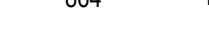
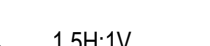




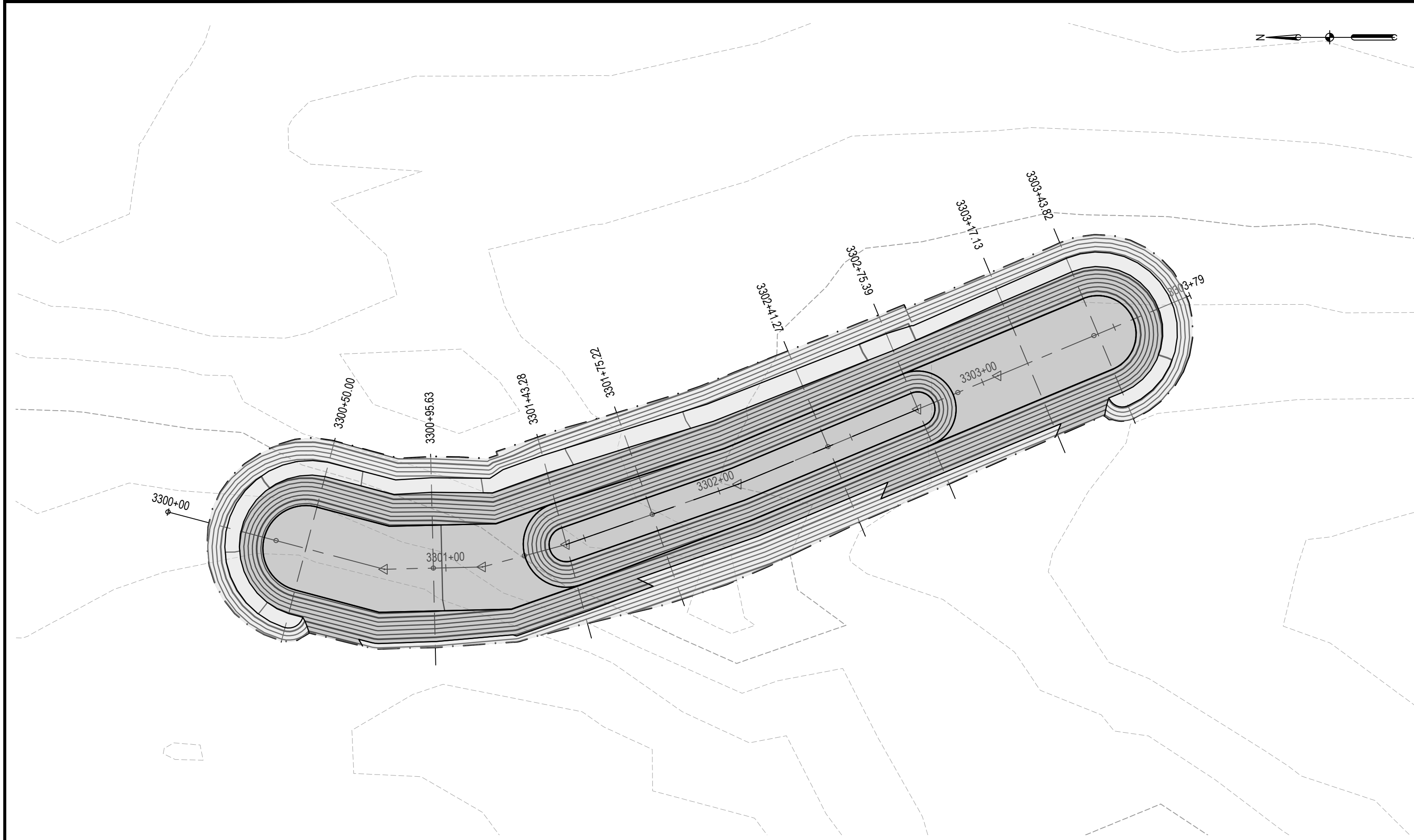
State of Illinois
JB PRITZKER, GOVERNOR
Illinois Capital Development Board

SECTIONS - BW3.2 (STA 3206+03)	PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS	DATE 02/26/2021
	SHEET NO. C-312
	OF (124) SHEETS

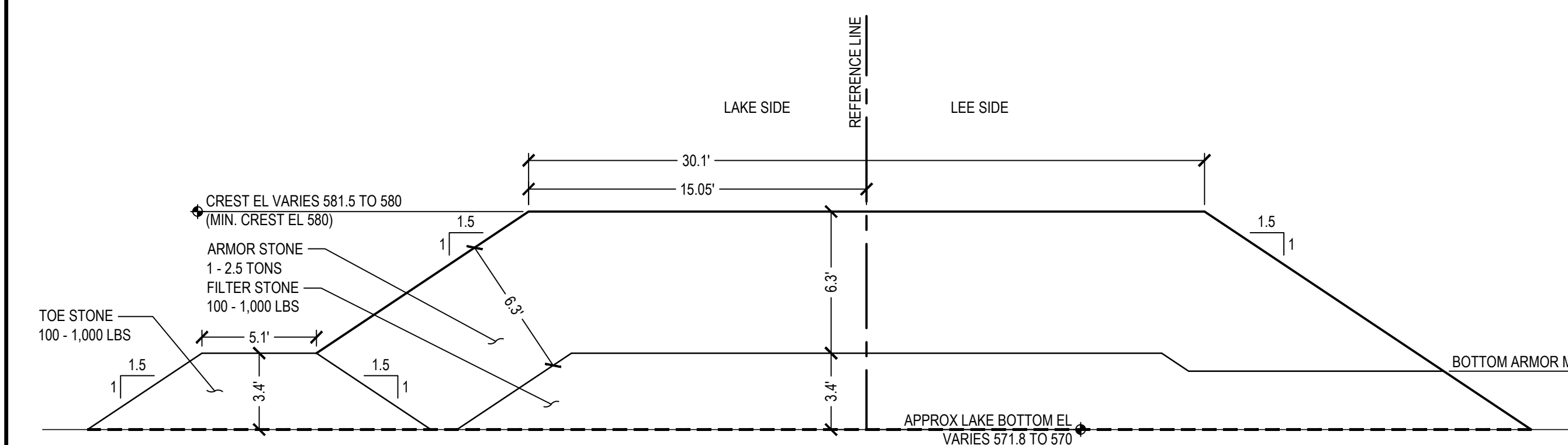
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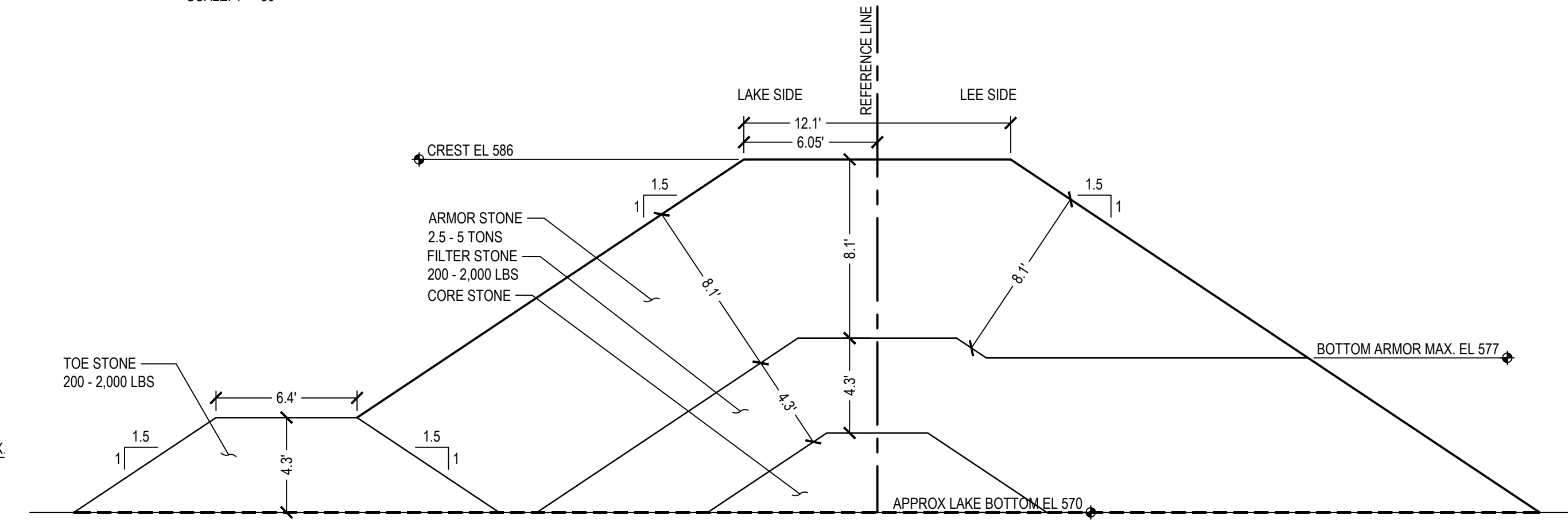
-  ARMOR STONE
-  FILTER STONE / TOE STONE
-  SAND BEACH
-  NAVIGATION AID
-  -865- EXISTING MAJOR CONTOUR
-  -864- EXISTING MINOR CONTOUR
-  -865- PROPOSED MAJOR CONTOUR
-  -864- PROPOSED MINOR CONTOUR
-  GRADING LIMITS
-  1.5H:1V COASTAL STRUCTURE SIDE SLOPE
-  SECTION - COMPOSITE GEOTEXTILE GEOGRID



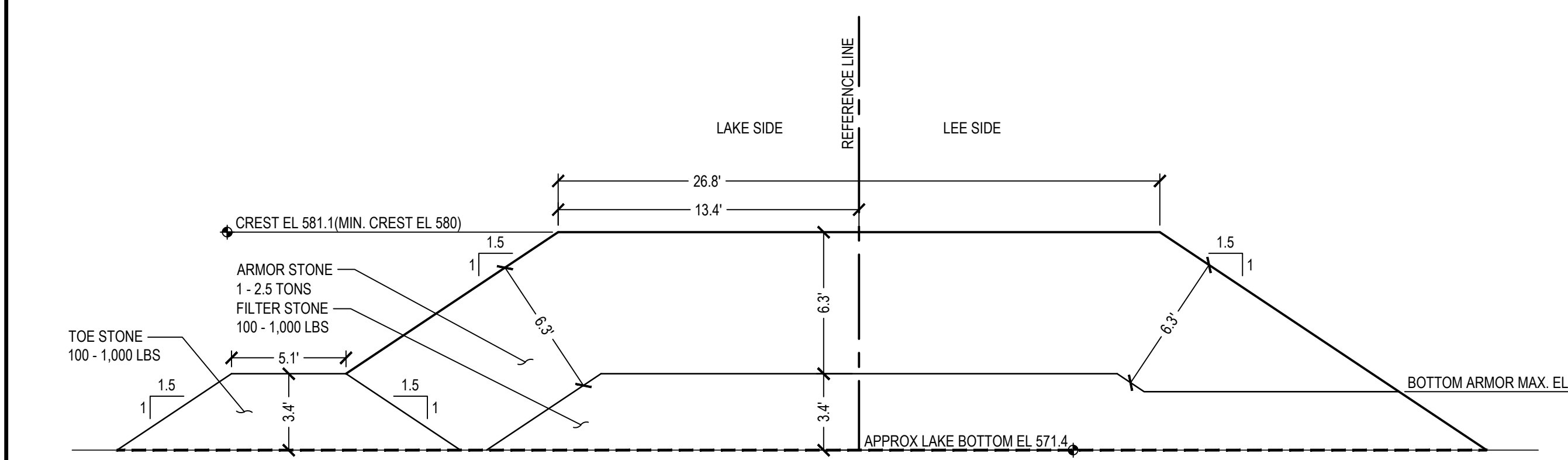
1 BW3.3 LAYOUT & GRADING PLAN SCALE: 1" = 30'



2 BW3.3 NORTH TRUNK (START TO STA 3301+29.80) SECTION SCALE: 1" = 5'

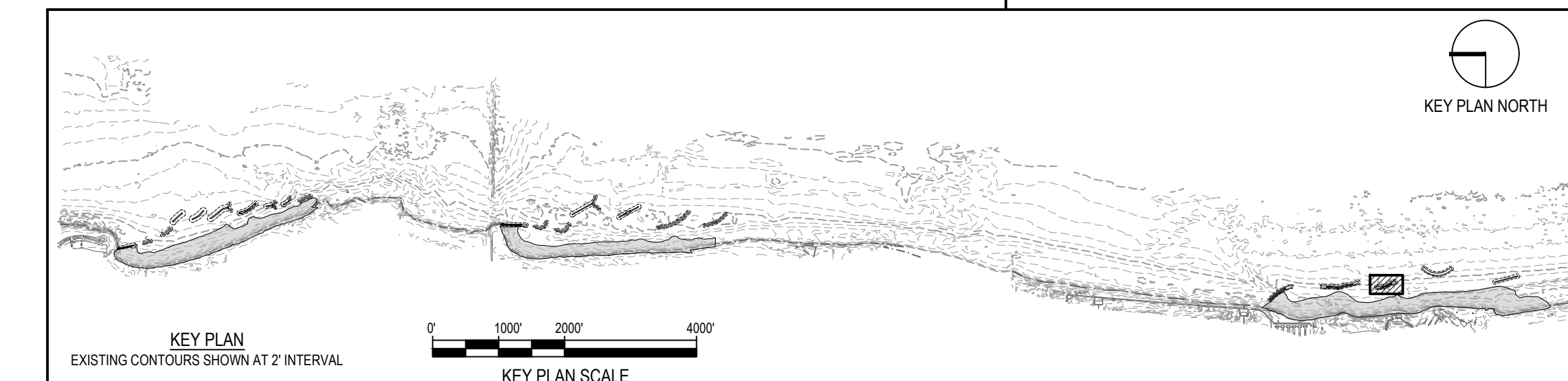
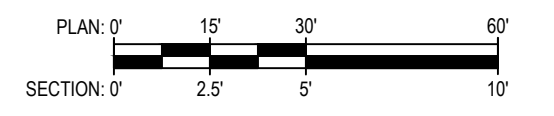


3 BW3.3 MIDDLE TRUNK (STA 3301+37.30 TO STA 3302+81.30) SECTION SCALE: 1" = 5'

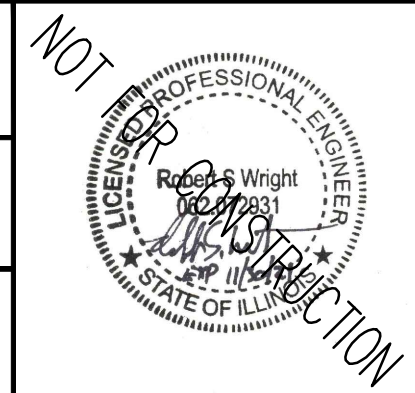


4 BW3.3 SOUTH TRUNK (STA 3302+87.30 TO END) SECTION SCALE: 1" = 5'

NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.



REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---



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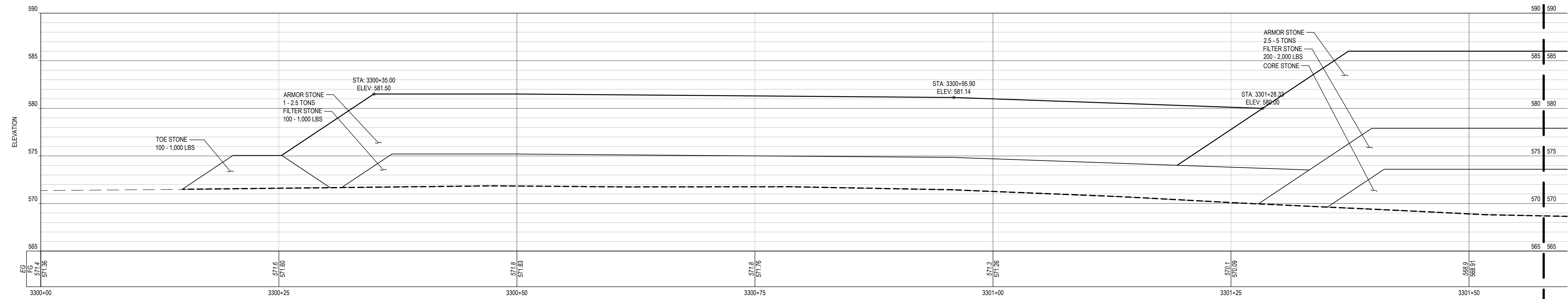


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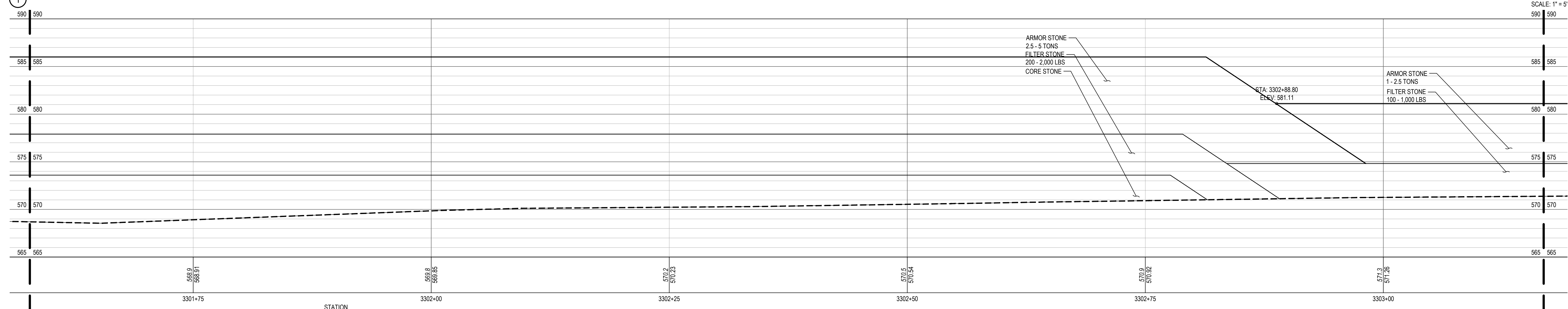
PLAN & TYPICAL SECTIONS - BW3.3
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. C-313
 OF (124) SHEETS

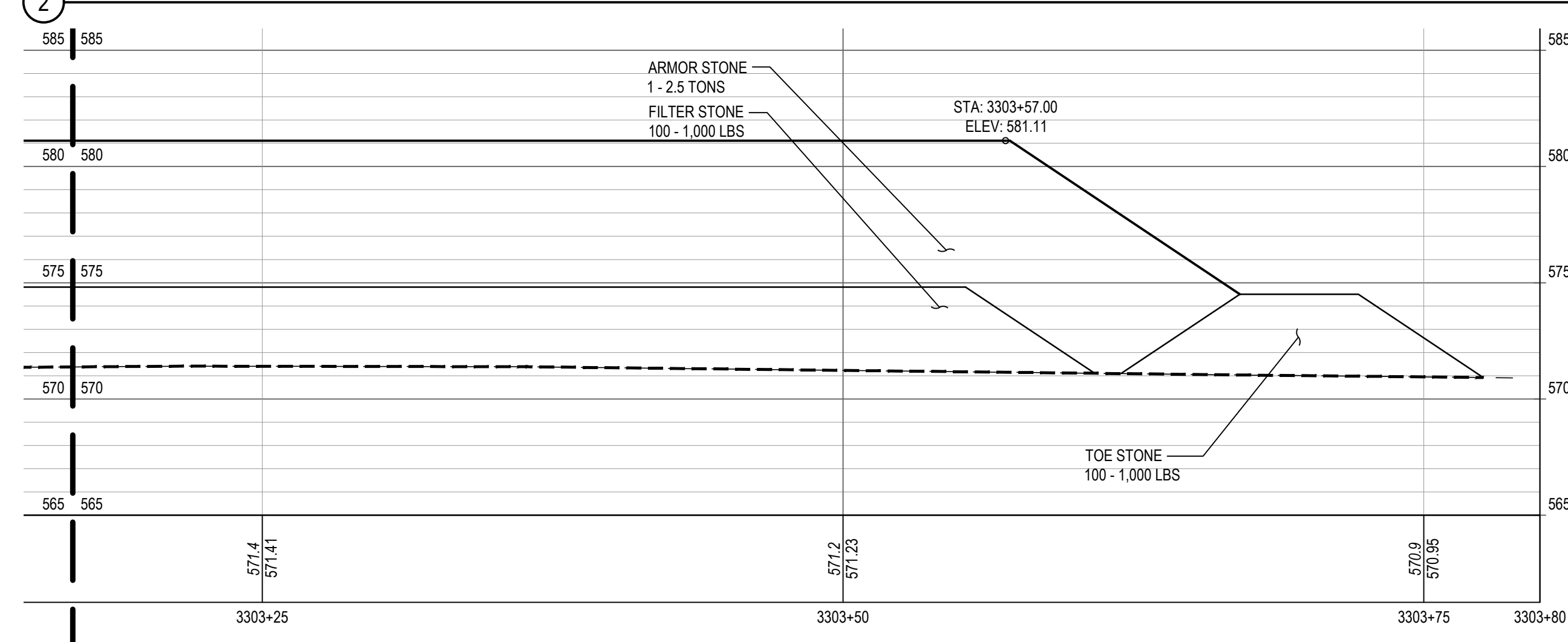
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1 BW3.3 PROFILE



2 BW3.3 PROFILE



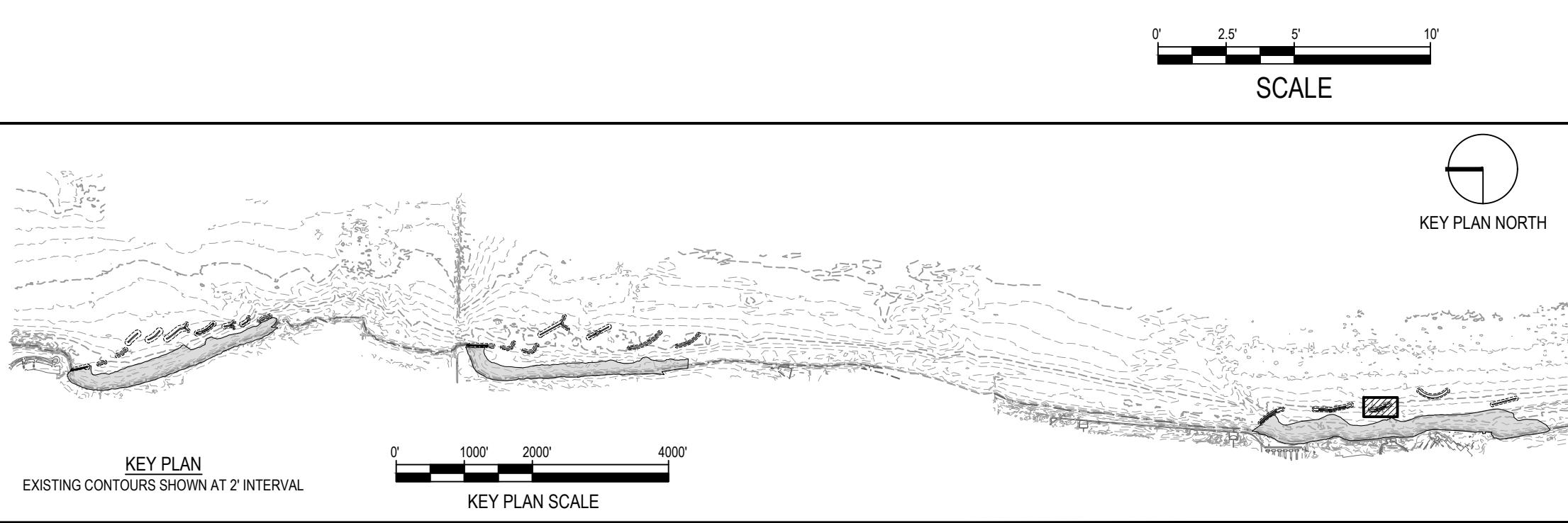
3 BW3.3 PROFILE

NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

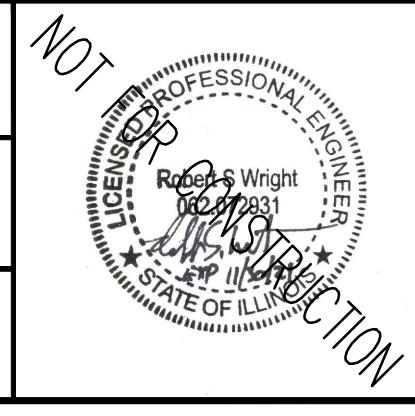
SHEET NOTES

LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---



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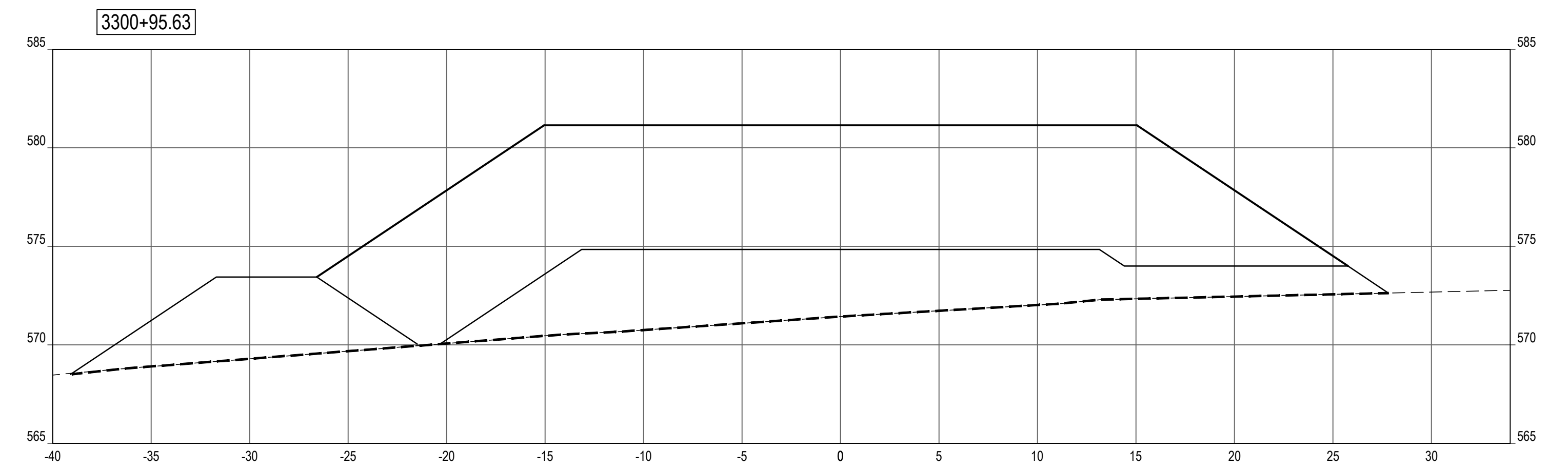
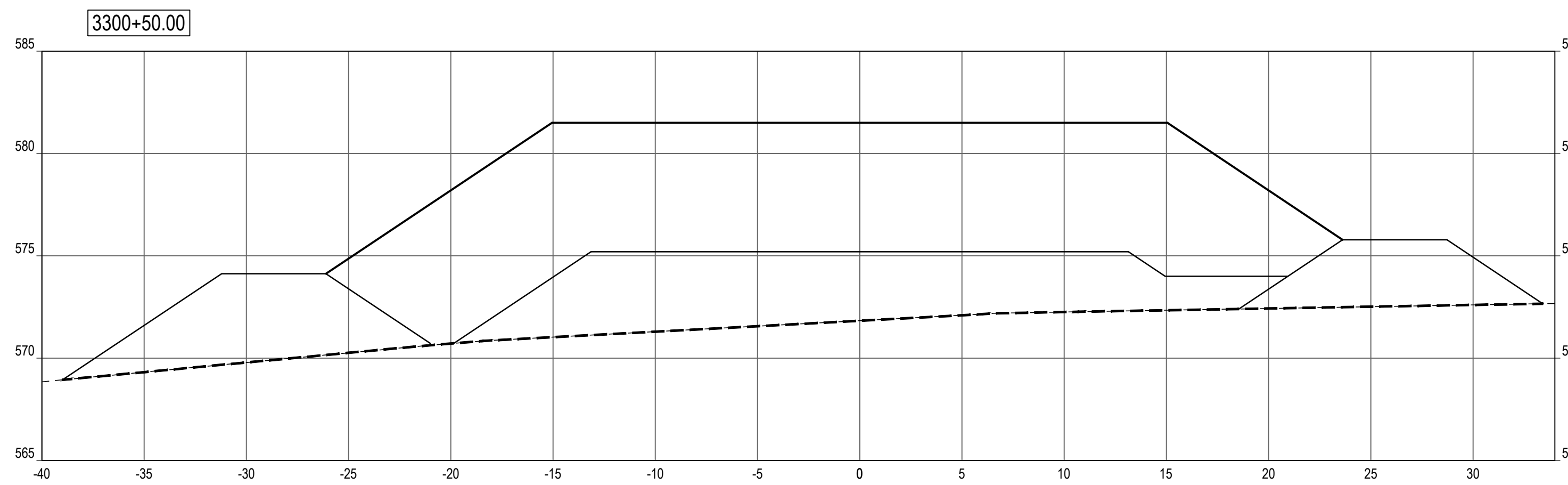
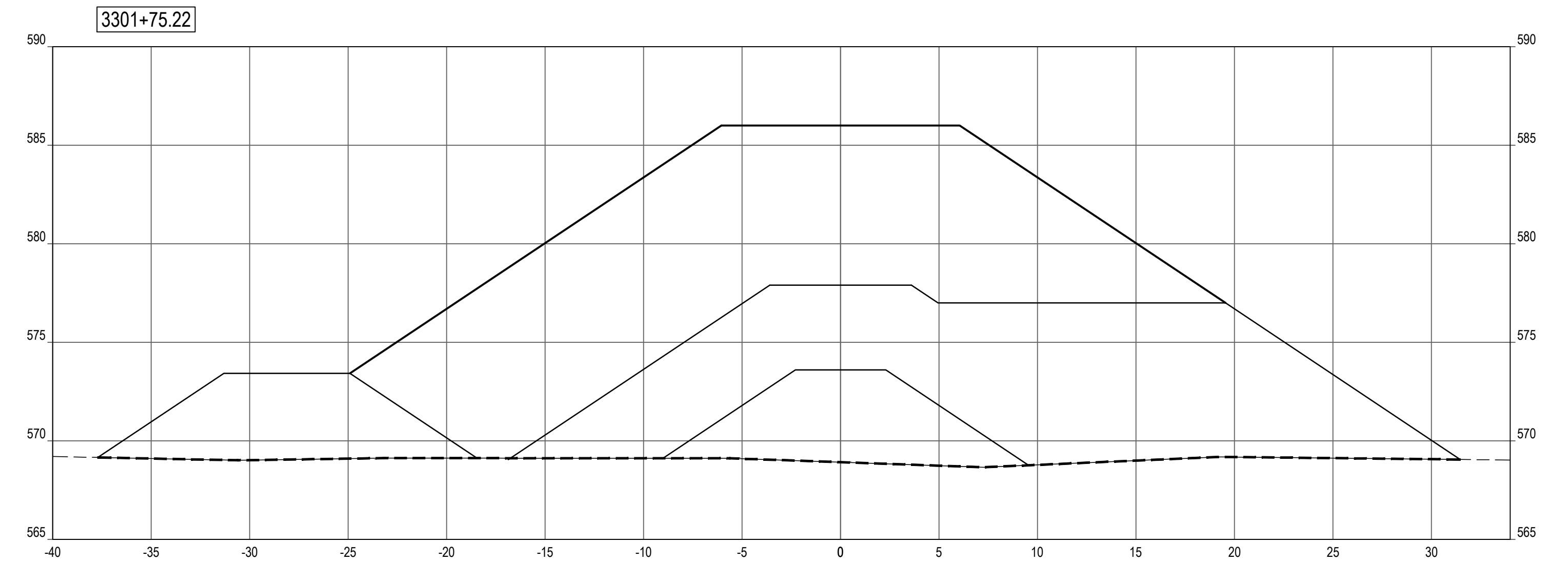
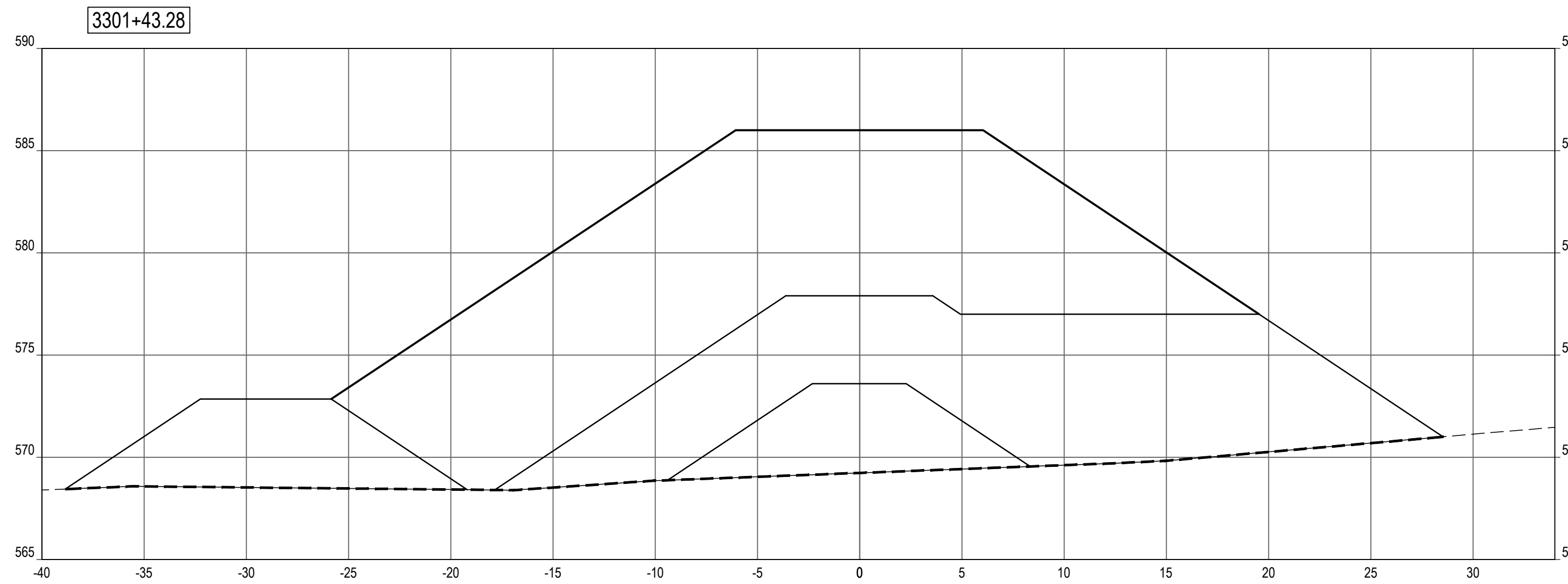
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PROFILE - BW3.3

ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-314**
 OF (124) SHEETS

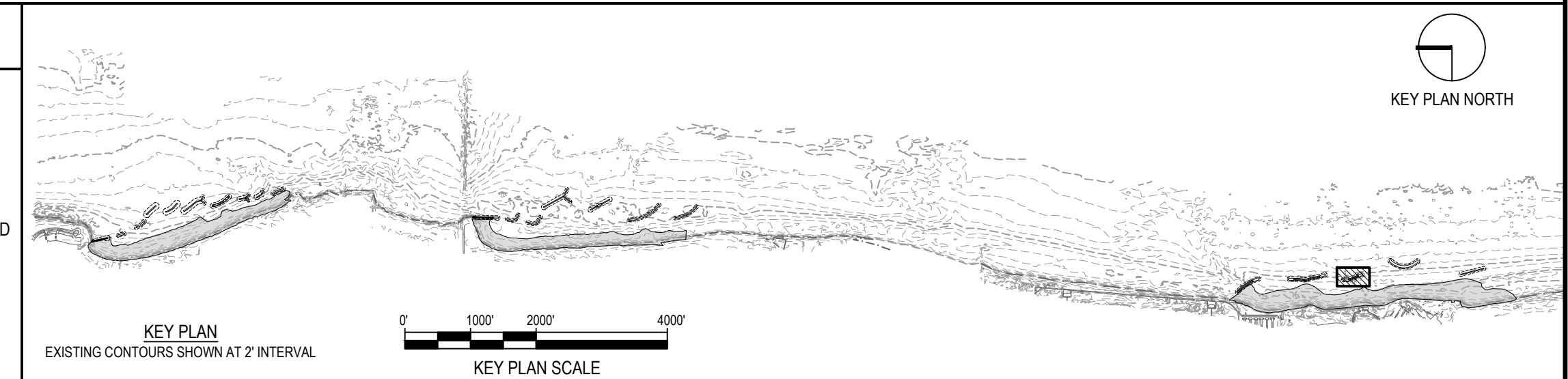
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SHEET NOTES

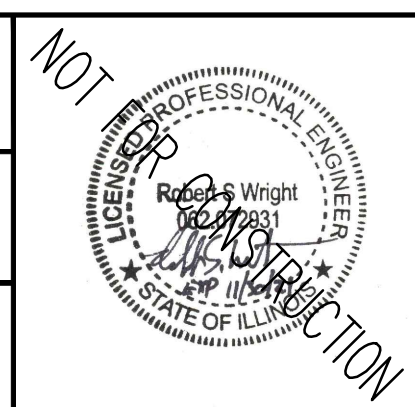
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- · · PROFILE - FINISH GRADE AT REFERENCE LINE
- - - - PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- - - - SECTION - FINISH BEACH GRADE

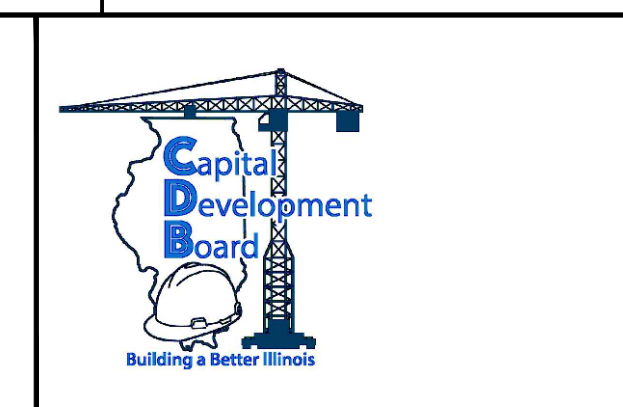


NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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SECTIONS - BW3.3 (STA 3300+50 TO 3301+75)

ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

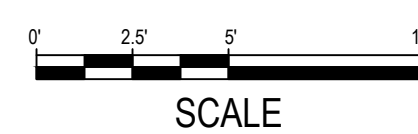
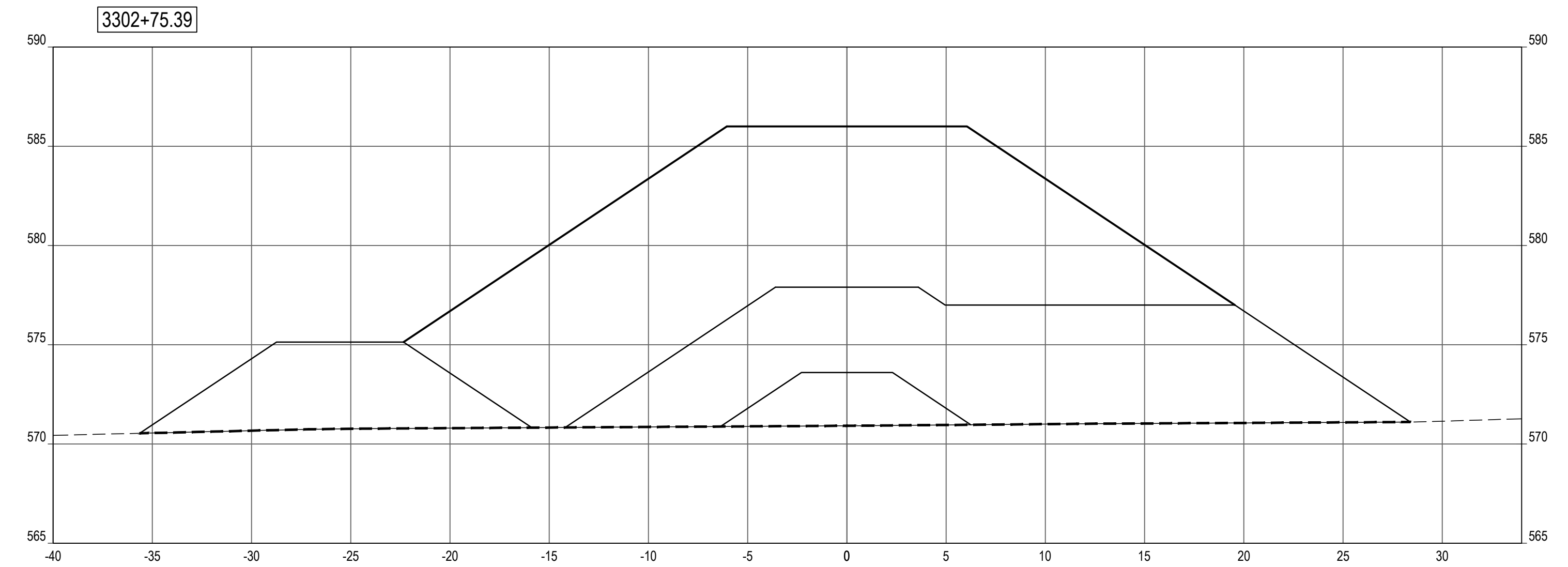
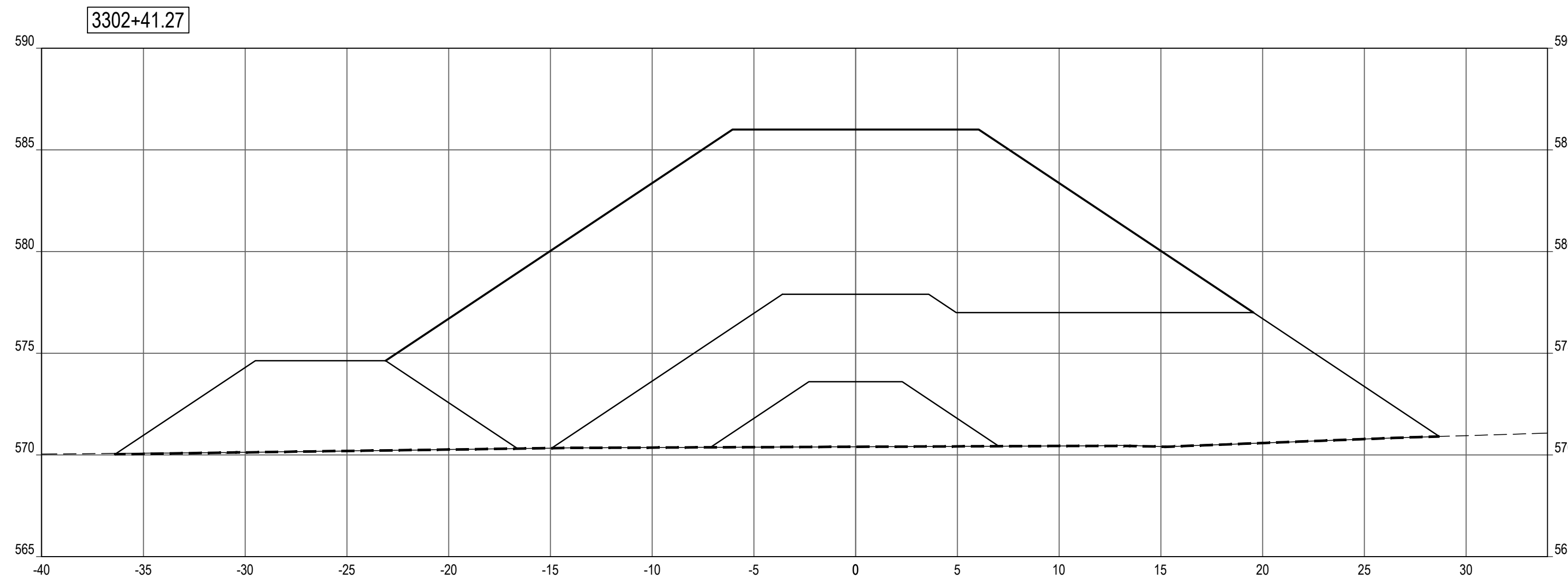
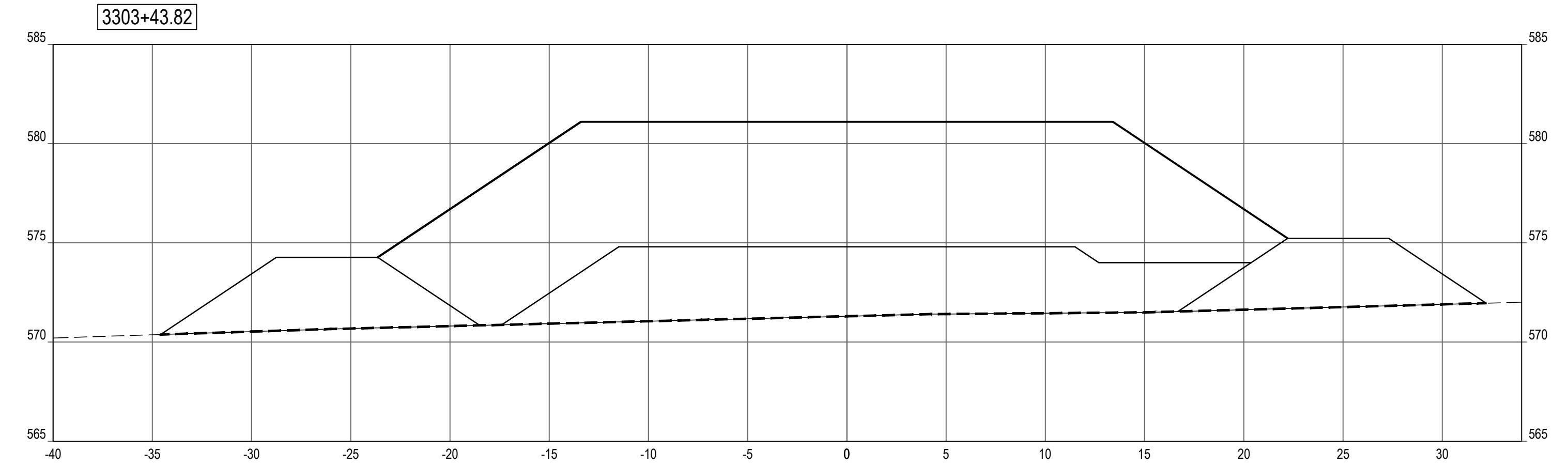
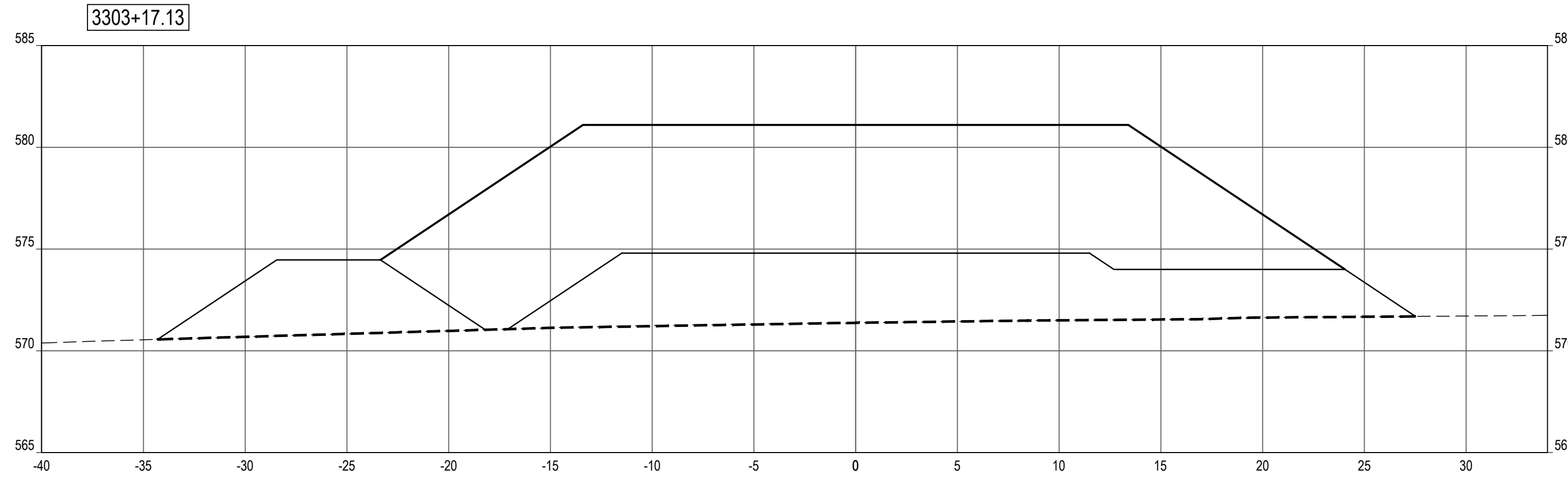
PROJECT NO.
102-311-099

DATE
02/26/2021

SHEET NO.
C-315

OF (124) SHEETS

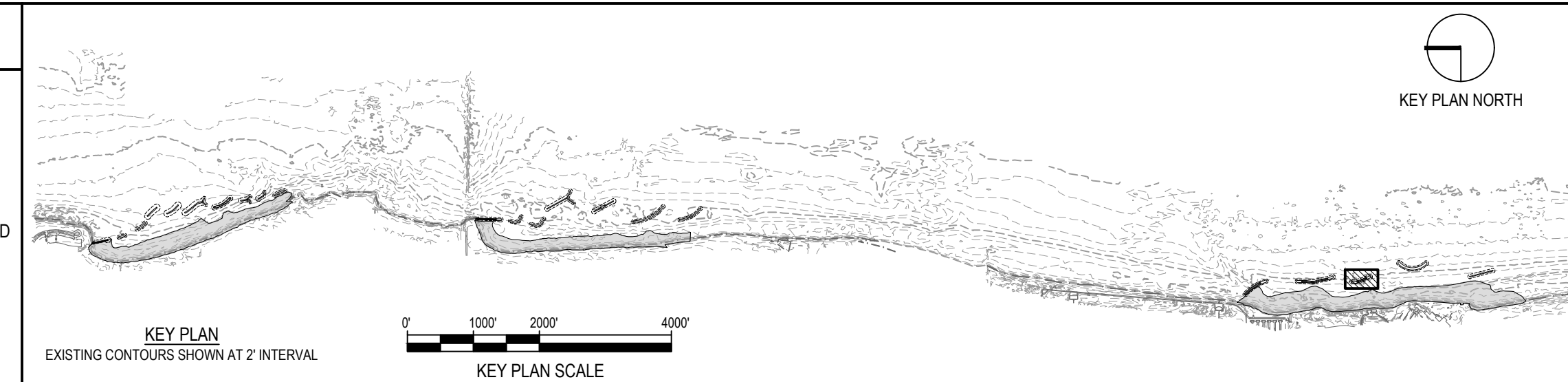
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SHEET NOTES

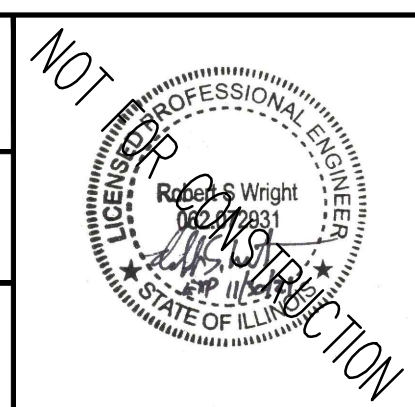
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE

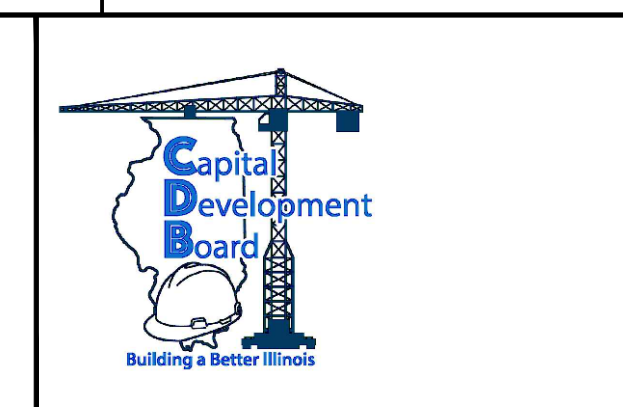


NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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Illinois Capital Development Board

SECTIONS - BW3.3 (STA 3302+41 TO 3303+44)

ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO.
102-311-099

DATE
02/26/2021

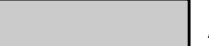
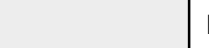
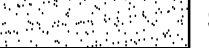



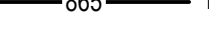
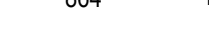



SHEET NO.
C-316

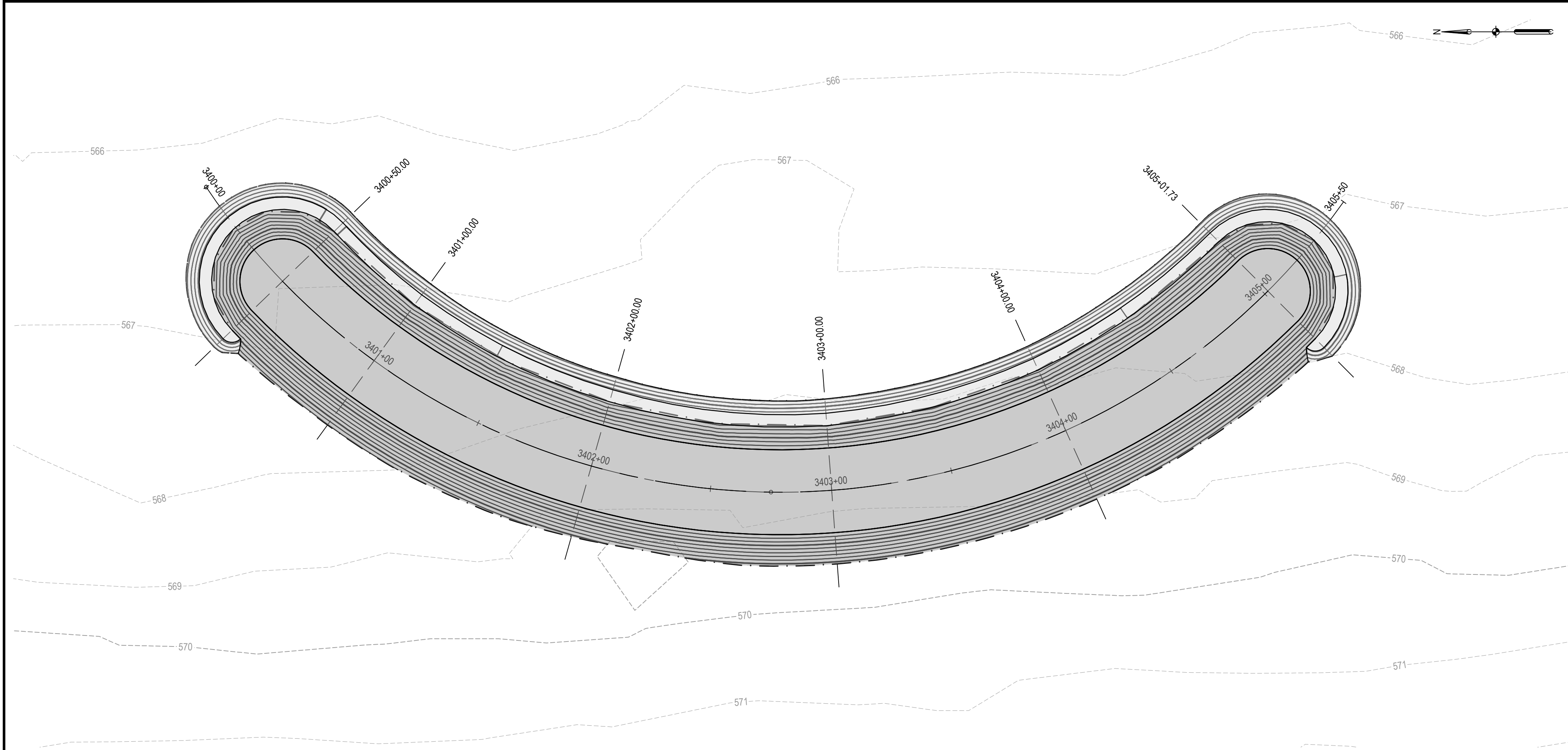
OF (124) SHEETS

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SHEET NOTES

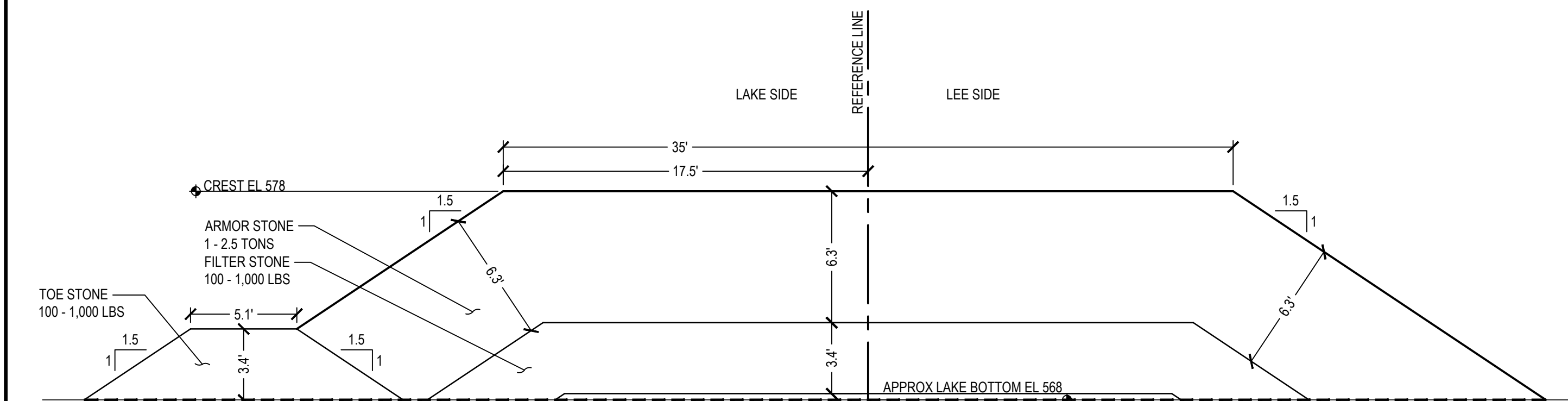
LEGEND

-  ARMOR STONE
-  FILTER STONE / TOE STONE
-  SAND BEACH
-  NAVIGATION AID
-  -865- - - - - EXISTING MAJOR CONTOUR
-  -864- - - - - EXISTING MINOR CONTOUR
-  -865- - - - - PROPOSED MAJOR CONTOUR
-  -864- - - - - PROPOSED MINOR CONTOUR
-  GRADING LIMITS
-  1.5H:1V COASTAL STRUCTURE SIDE SLOPE
-  - - - - - SECTION - COMPOSITE GEOTEXTILE GEOGRID



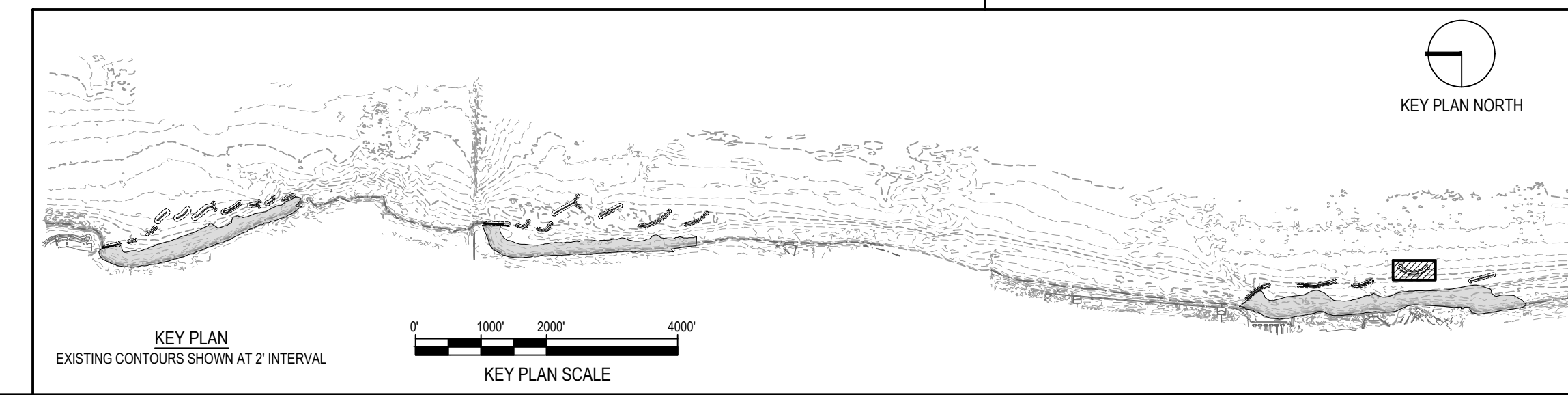
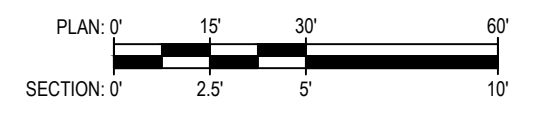
1 BW3.4 LAYOUT & GRADING
PLAN

SCALE: 1" = 30'



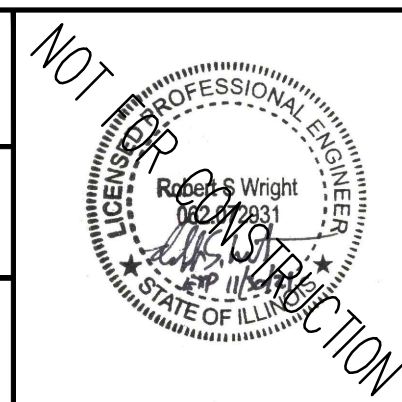
2 BW3.4 TRUNK
SECTION

SCALE: 1" = 5'



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---



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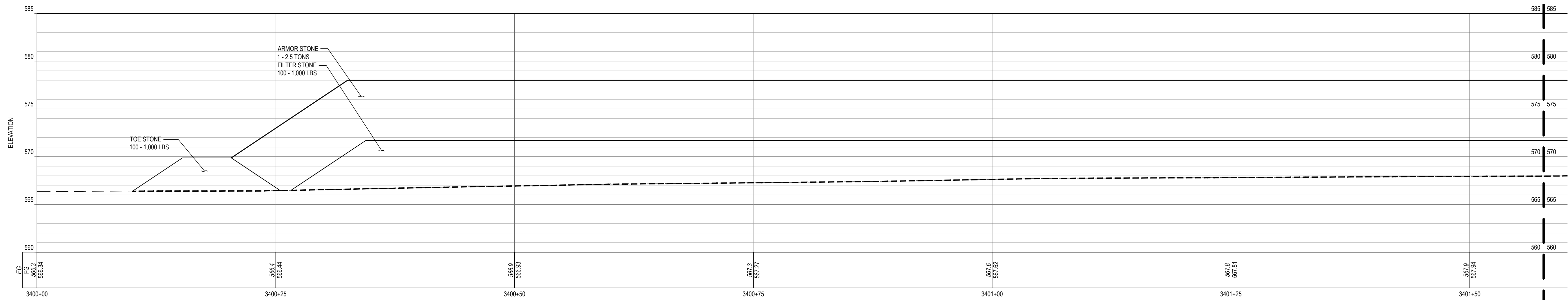


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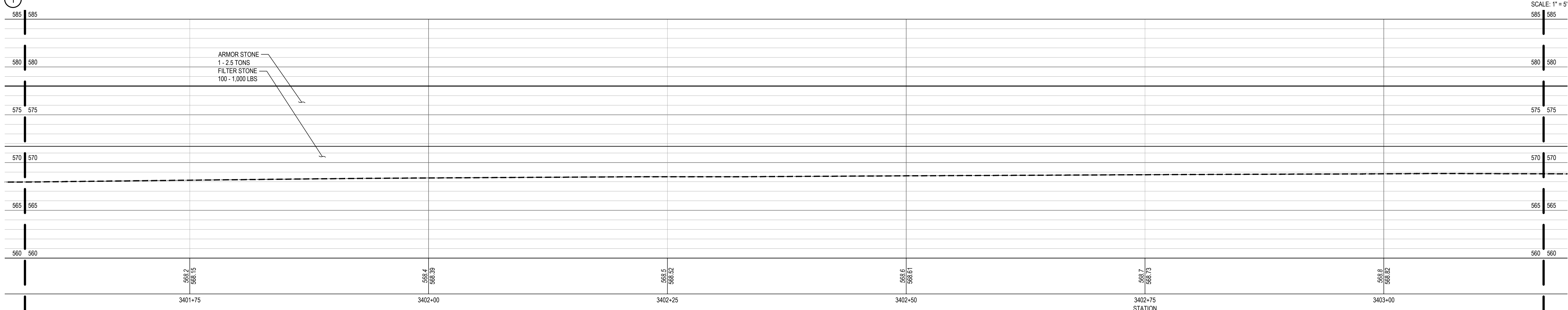
PLAN & TYPICAL SECTION - BW3.4
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. C-317
 OF (124) SHEETS

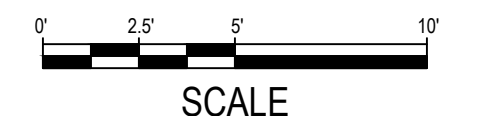
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1 BW3.4 PROFILE



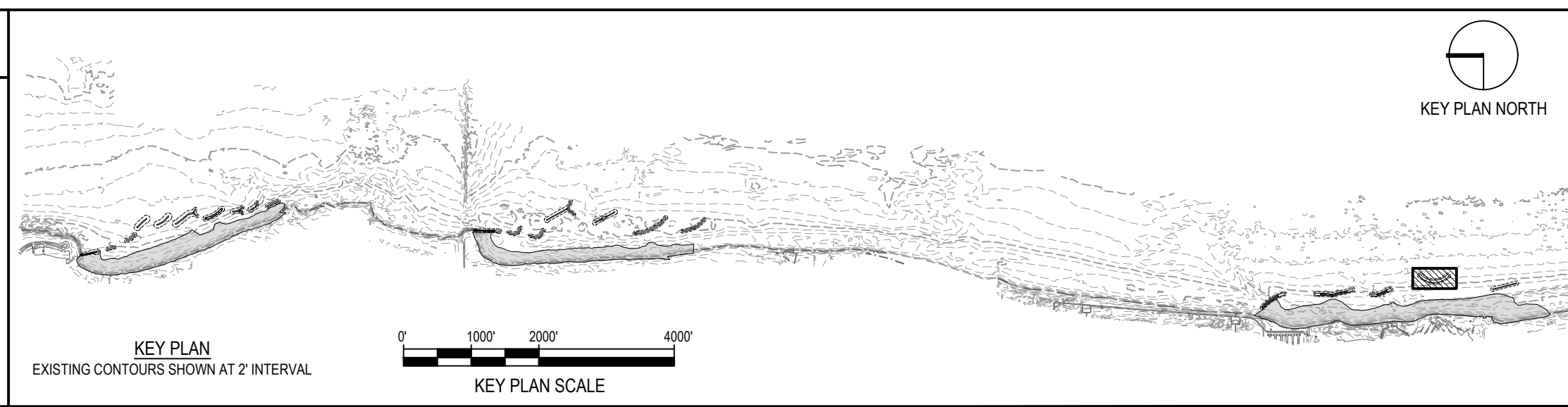
2 BW3.4 PROFILE



SHEET NOTES

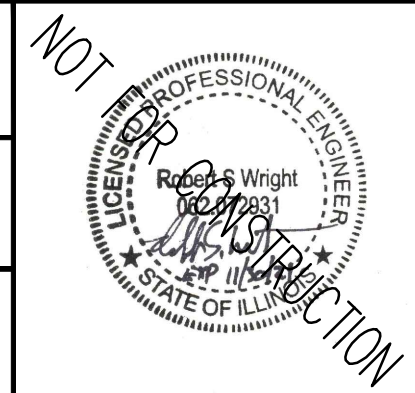
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



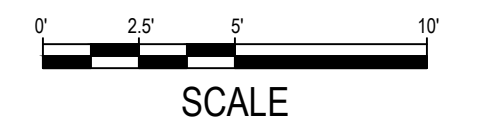
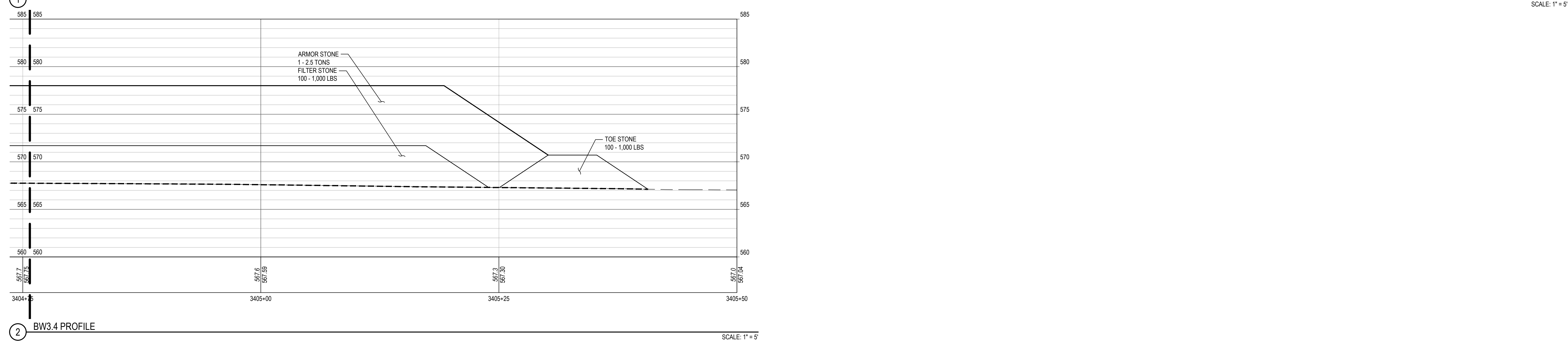
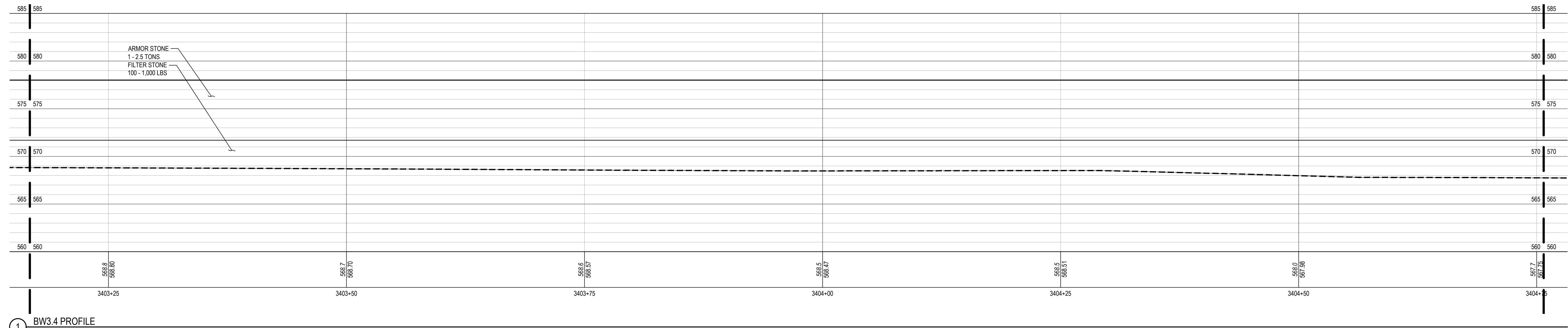
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PROFILE - BW3.4
 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

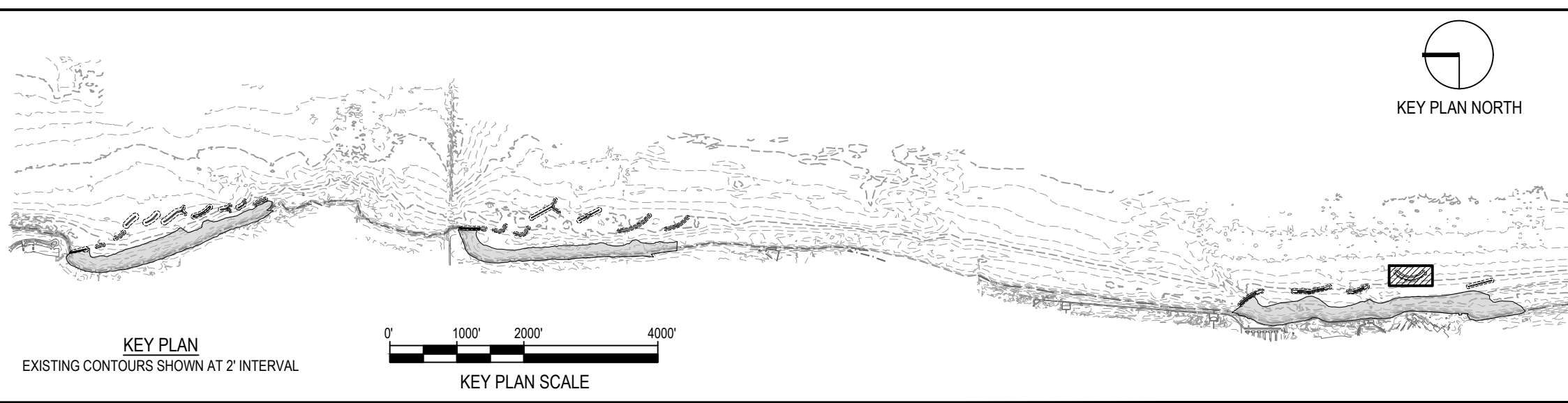
PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-318**
 OF (124) SHEETS



SHEET NOTES

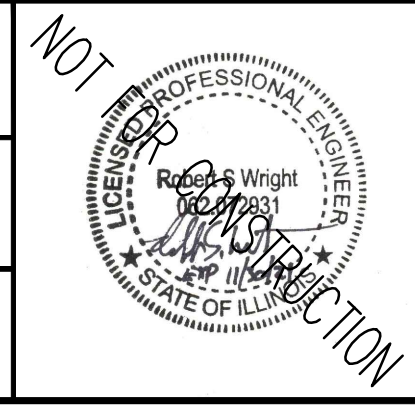
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



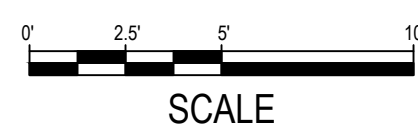
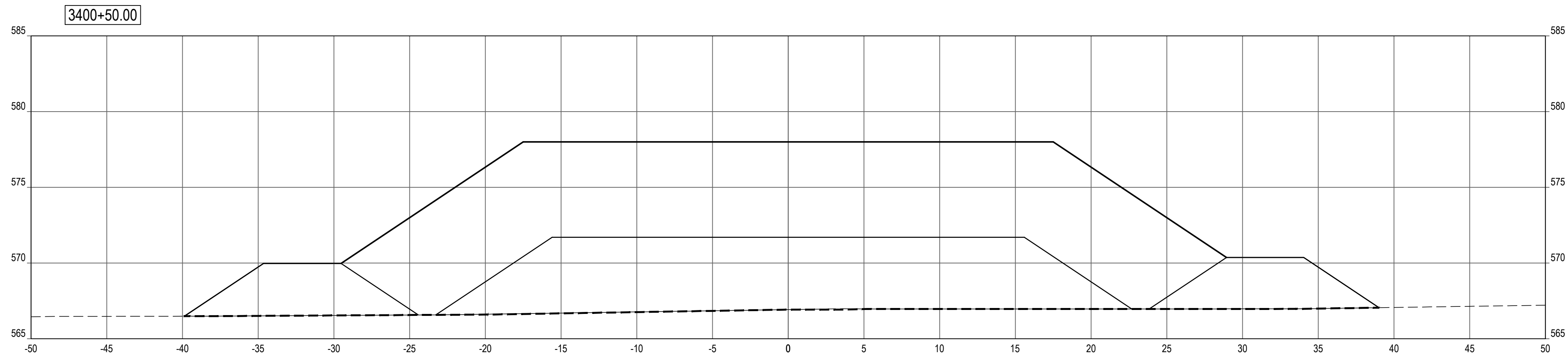
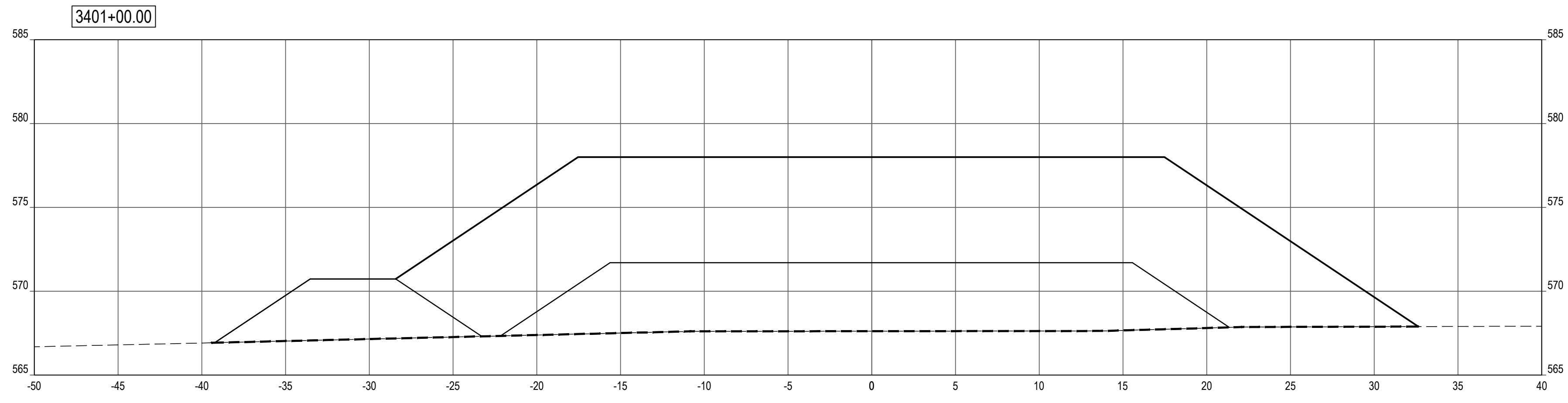
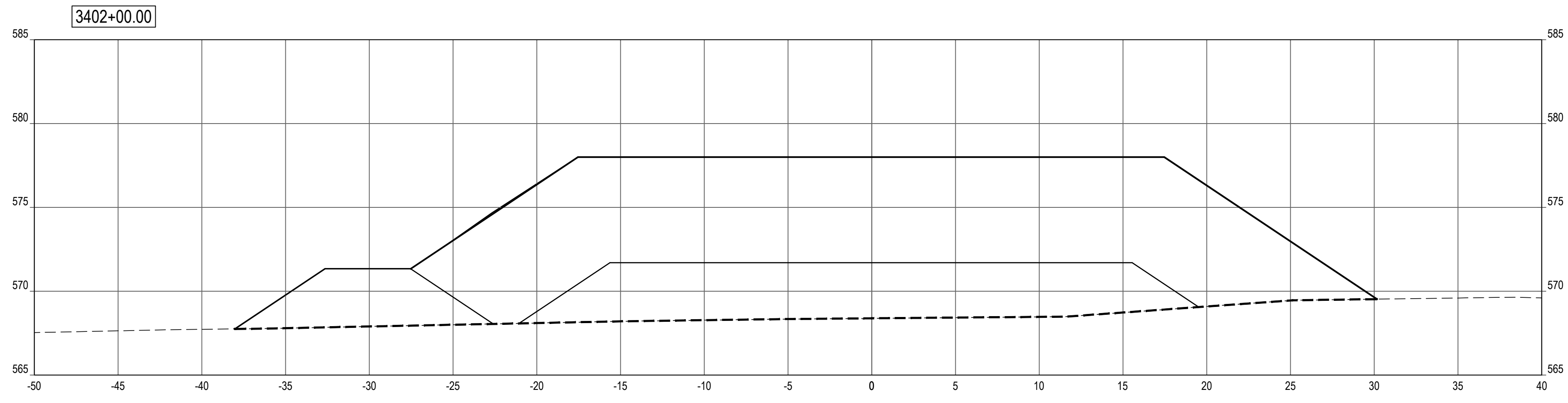
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PROFILE - BW3.4	PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS	DATE 02/26/2021
	SHEET NO. C-319
	OF (124) SHEETS

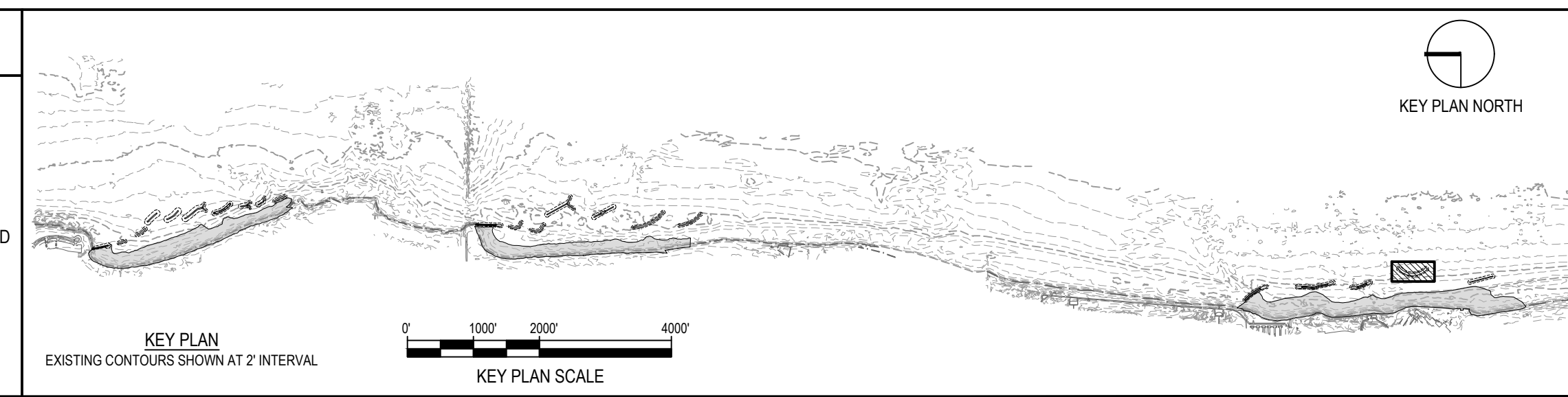
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SHEET NOTES

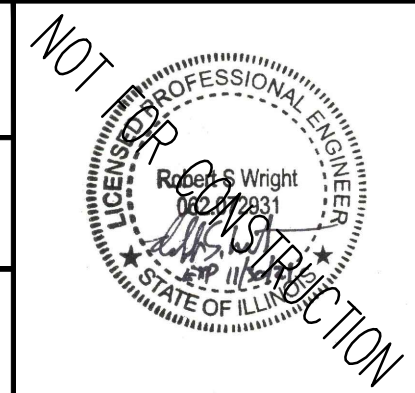
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



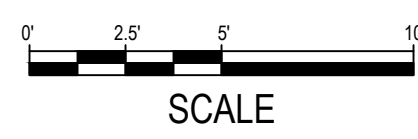
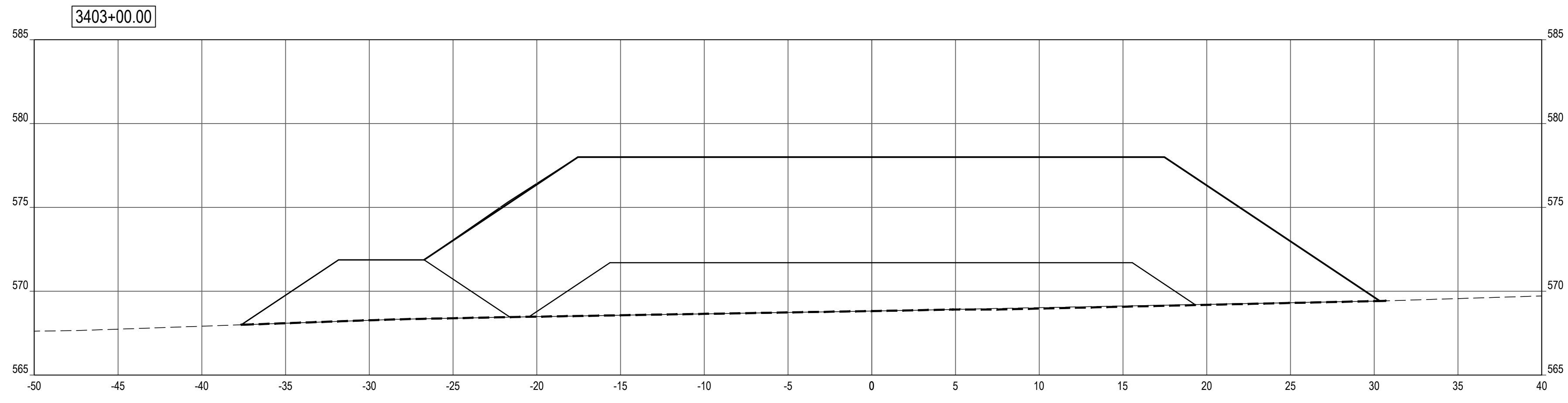
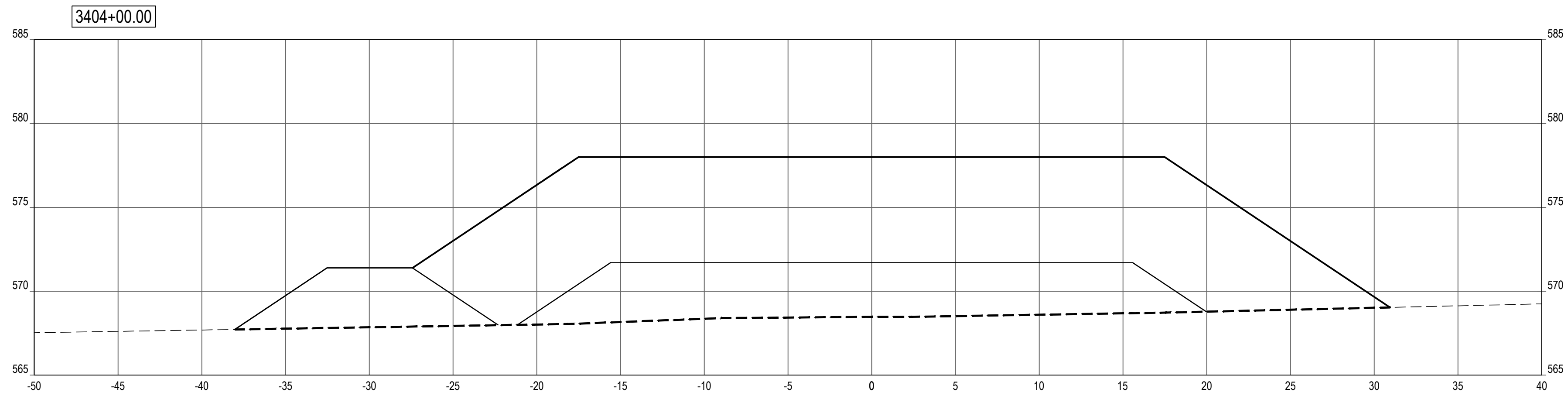
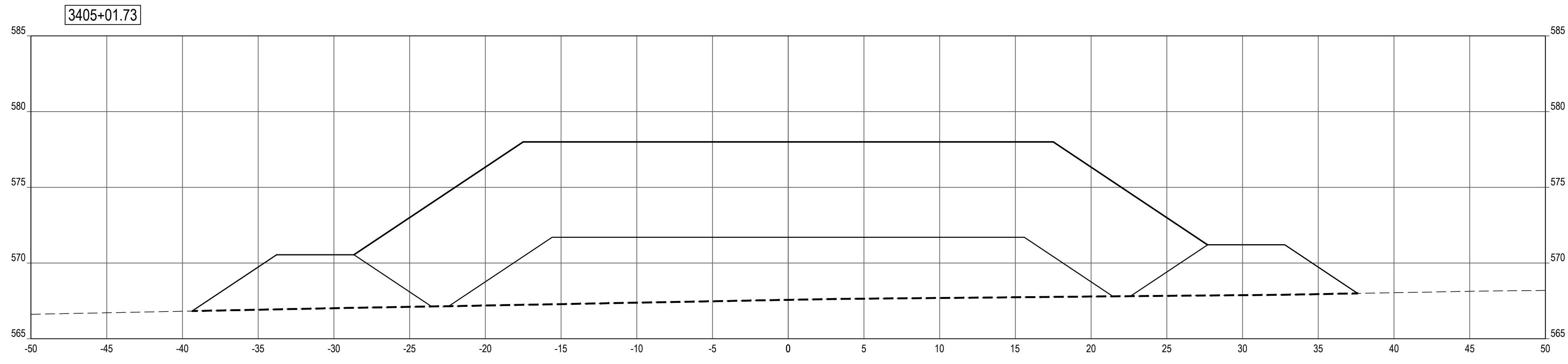
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SECTIONS - BW3.4 (STA 3400+50 TO 3402+00)		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-320
		OF (124) SHEETS

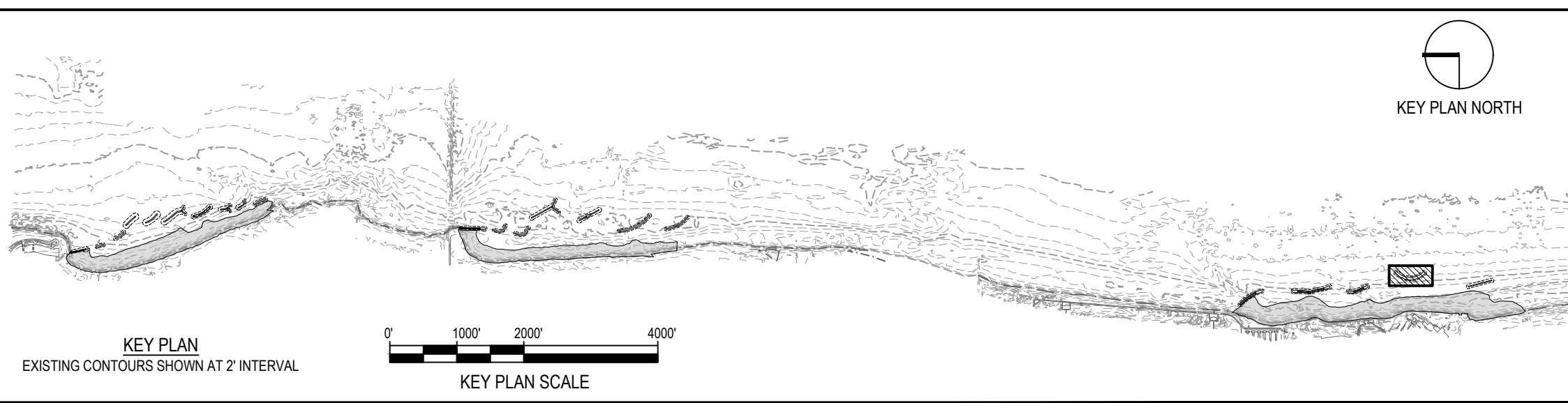
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SHEET NOTES

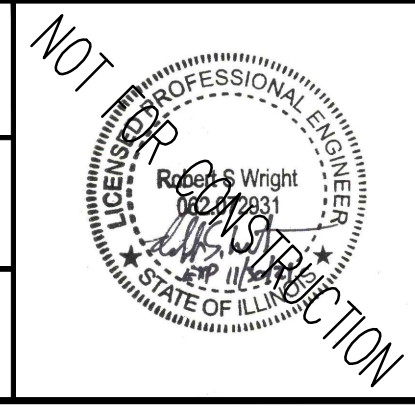
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- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



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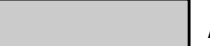
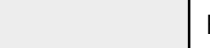
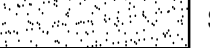



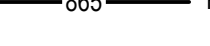
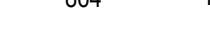
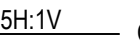
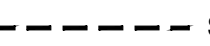
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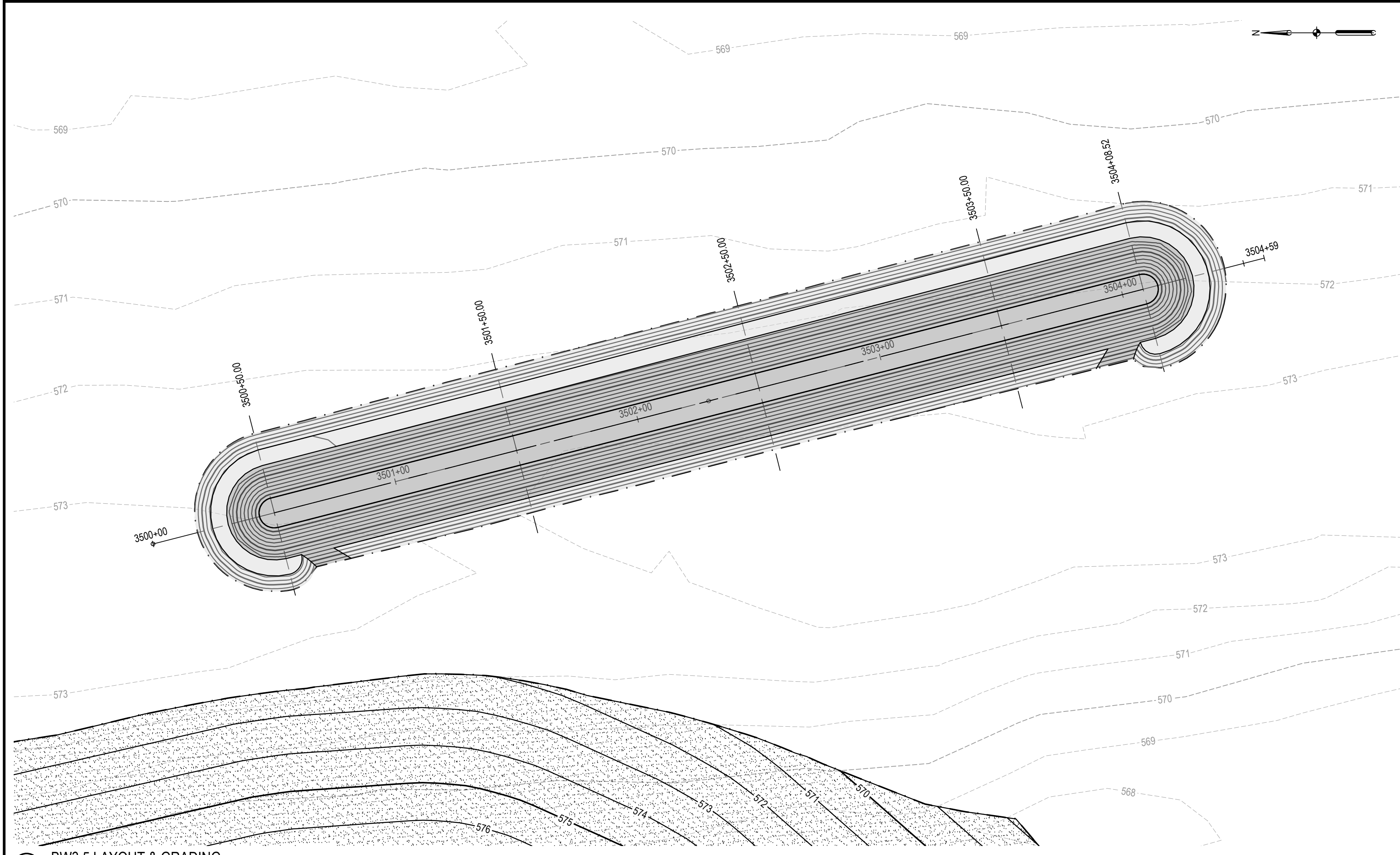
SECTIONS - BW3.4 (STA 3403+00 TO 3405+02)		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-321
		OF (124) SHEETS

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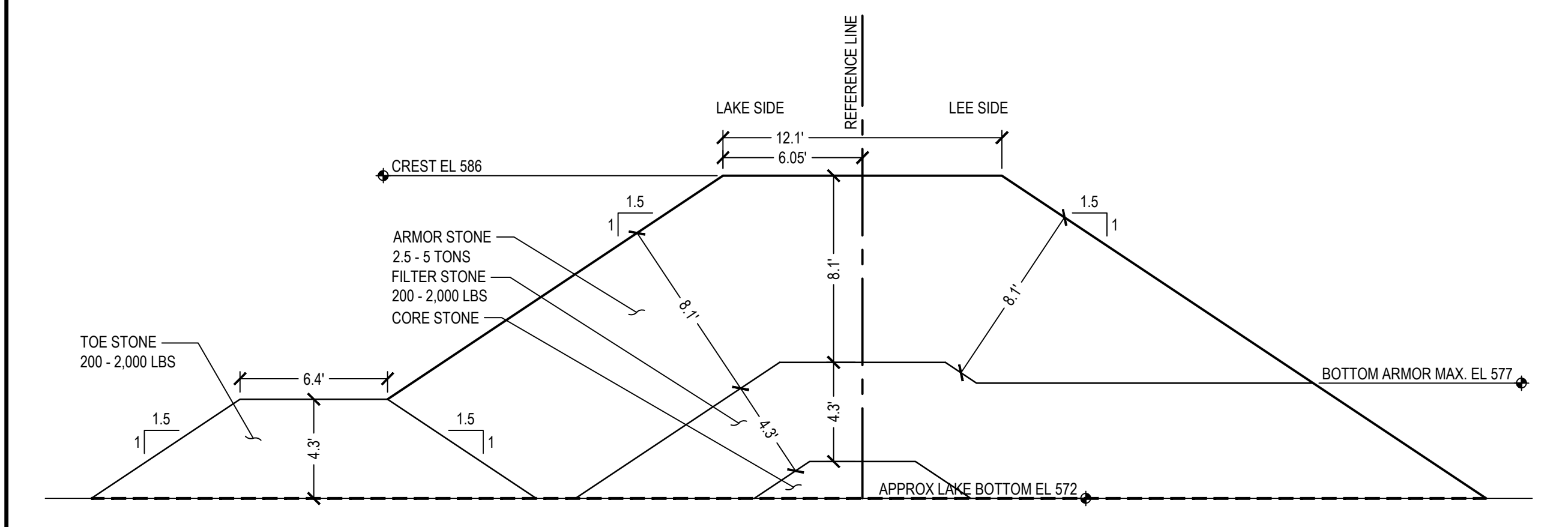
SHEET NOTES

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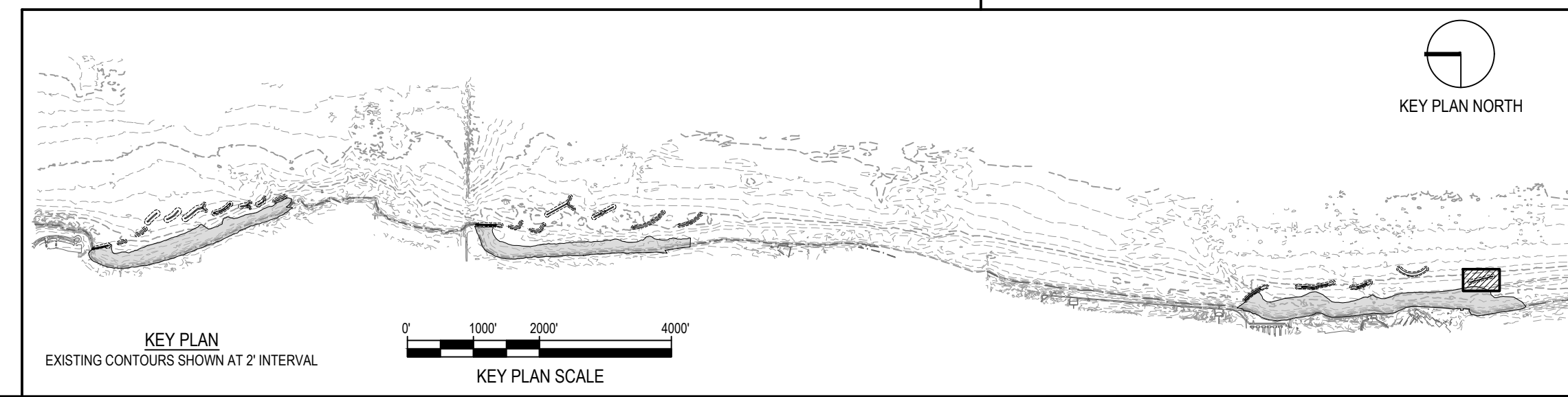
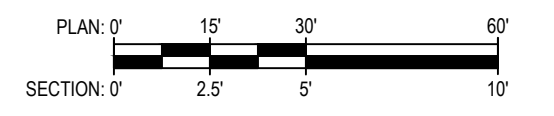
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-  FILTER STONE / TOE STONE
-  SAND BEACH
-  NAVIGATION AID
-  -865- EXISTING MAJOR CONTOUR
-  -864- EXISTING MINOR CONTOUR
-  -865- PROPOSED MAJOR CONTOUR
-  -864- PROPOSED MINOR CONTOUR
- GRADING LIMITS
-  1.5H:1V COASTAL STRUCTURE SIDE SLOPE
-  - - - - - SECTION - COMPOSITE GEOTEXTILE GEOGRID



1 BW3.5 LAYOUT & GRADING PLAN SCALE: 1" = 30'

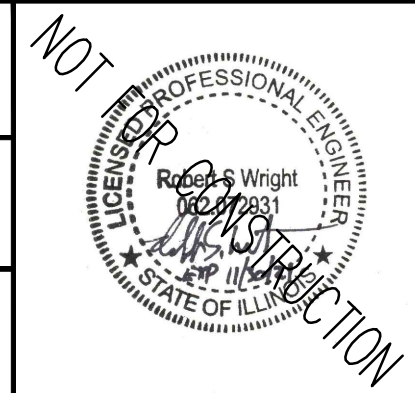


2 BW3.5 TRUNK SECTION SCALE: 1" = 5'



NOTE: CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---



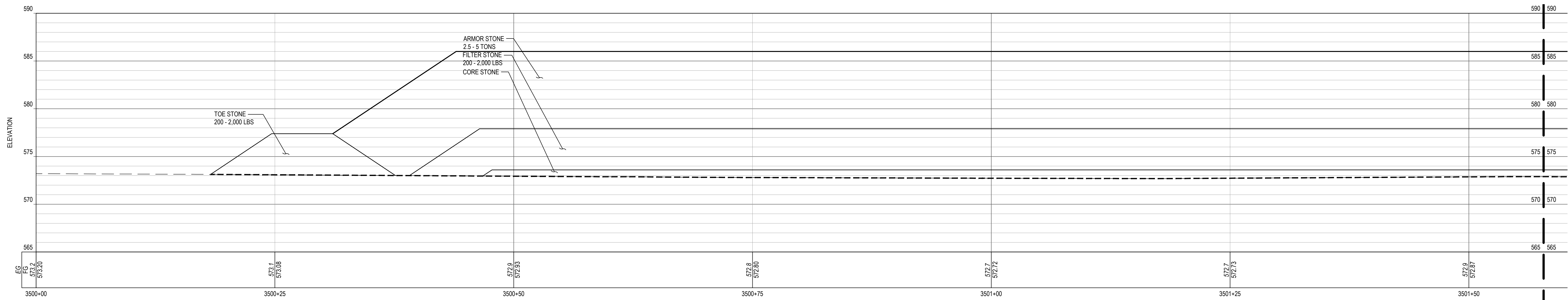
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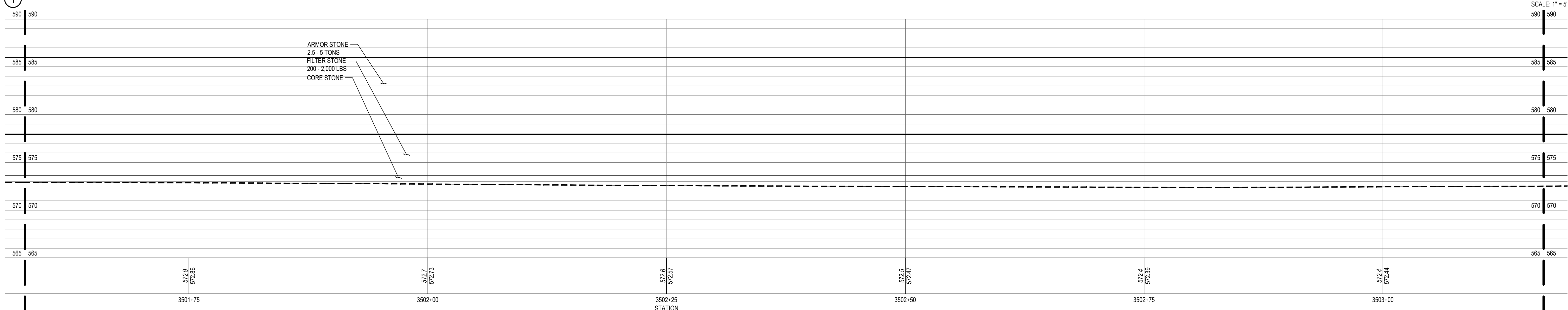
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PLAN & TYPICAL SECTION - BW3.5	PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS	DATE 02/26/2021
	SHEET NO. C-322
	OF (124) SHEETS

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1 BW3.5 PROFILE



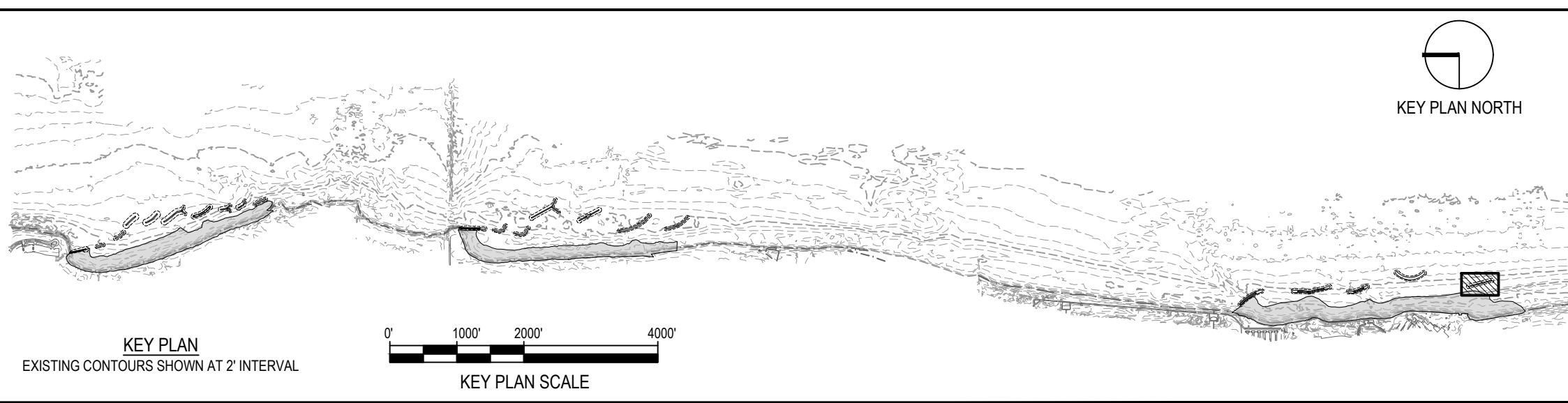
2 BW3.5 PROFILE



SHEET NOTES

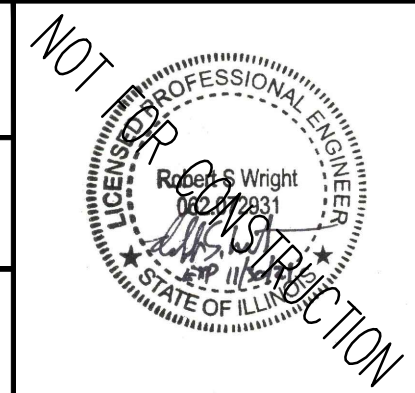
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- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- PROFILE - FINISH GRADE AT REFERENCE LINE
- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
- SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
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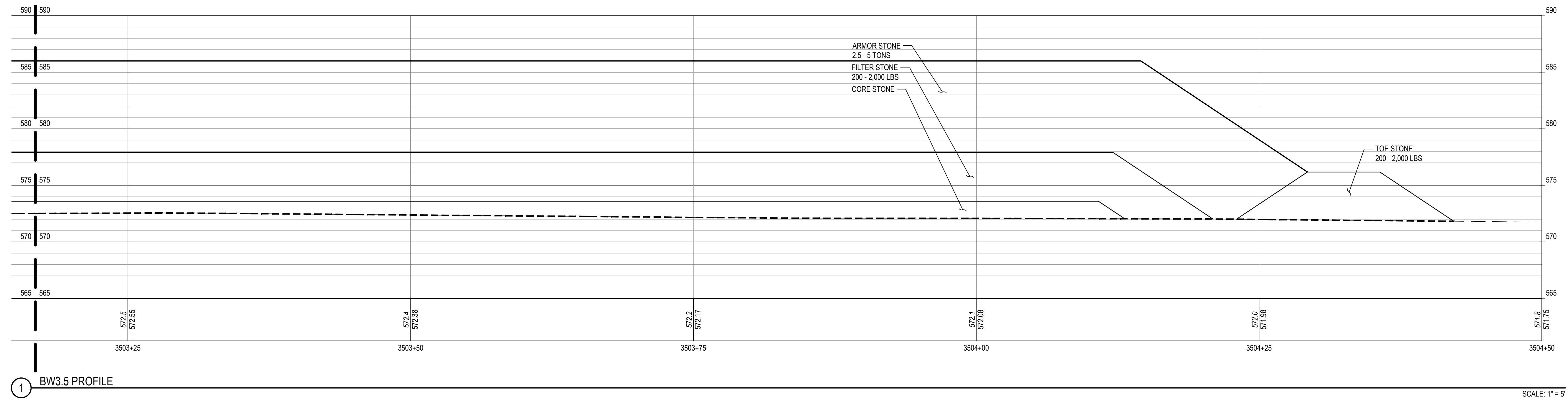
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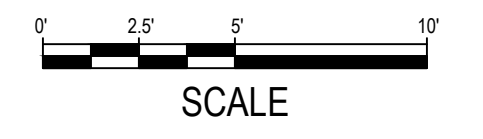
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 ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION
 1 LAKE FRONT DRIVE
 ZION, LAKE COUNTY, ILLINOIS

PROJECT NO. 102-311-099
 DATE 02/26/2021
 SHEET NO. **C-323**
 OF (124) SHEETS



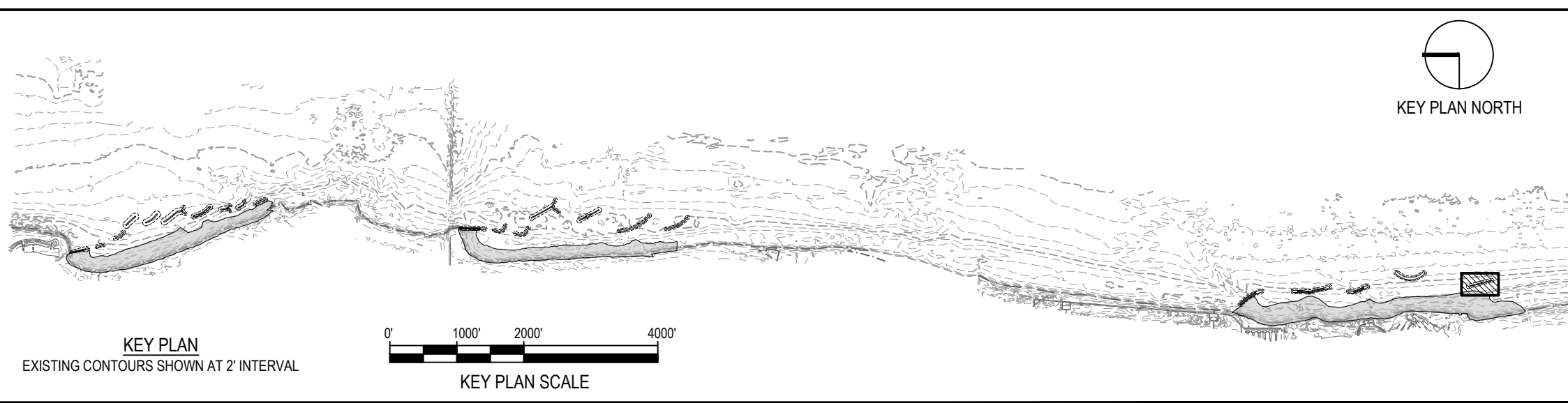
1 BW3.5 PROFILE

SCALE: 1" = 5'



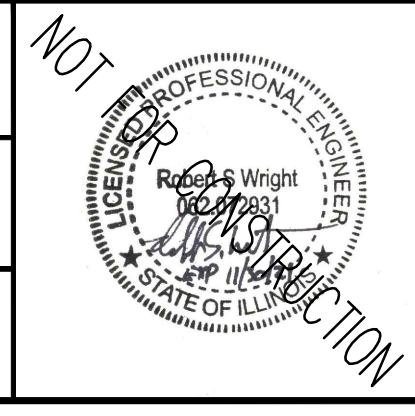
SHEET NOTES

LEGEND
--- PROFILE / SECTION - EXISTING GRADE
— PROFILE - FINISH GRADE AT CENTERLINE
— PROFILE - FINISH GRADE AT REFERENCE LINE
--- PROFILE / SECTION - COMPOSITE GEOTEXTILE GEOGRID
----- SECTION - FINISH BEACH GRADE



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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
			CHECKED	APPROVED



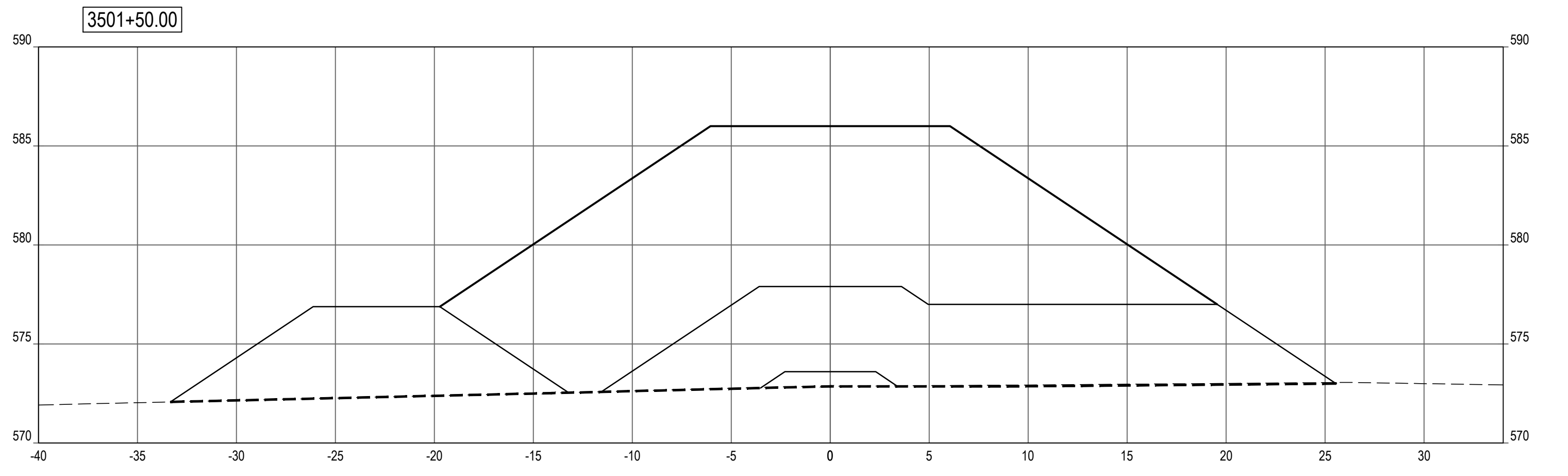
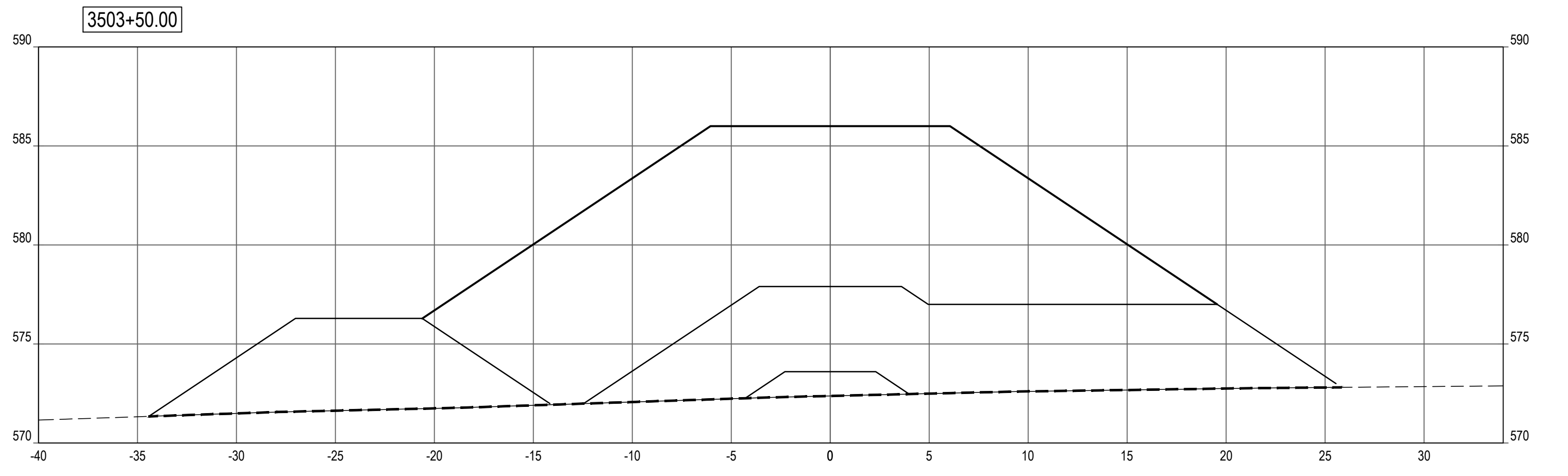
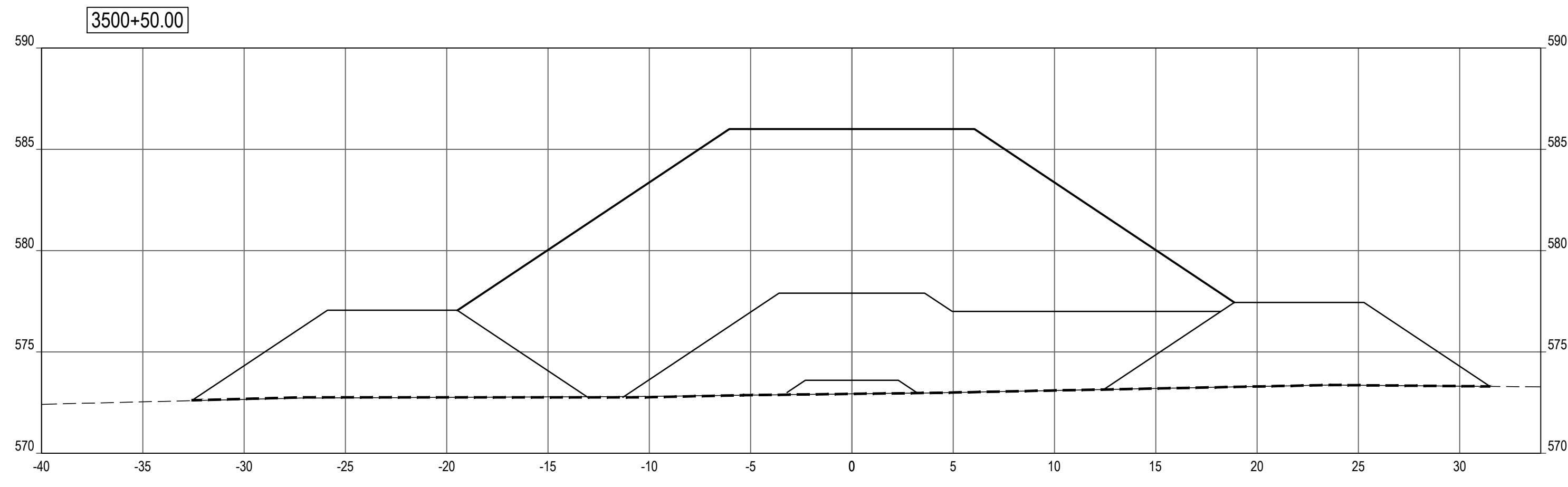
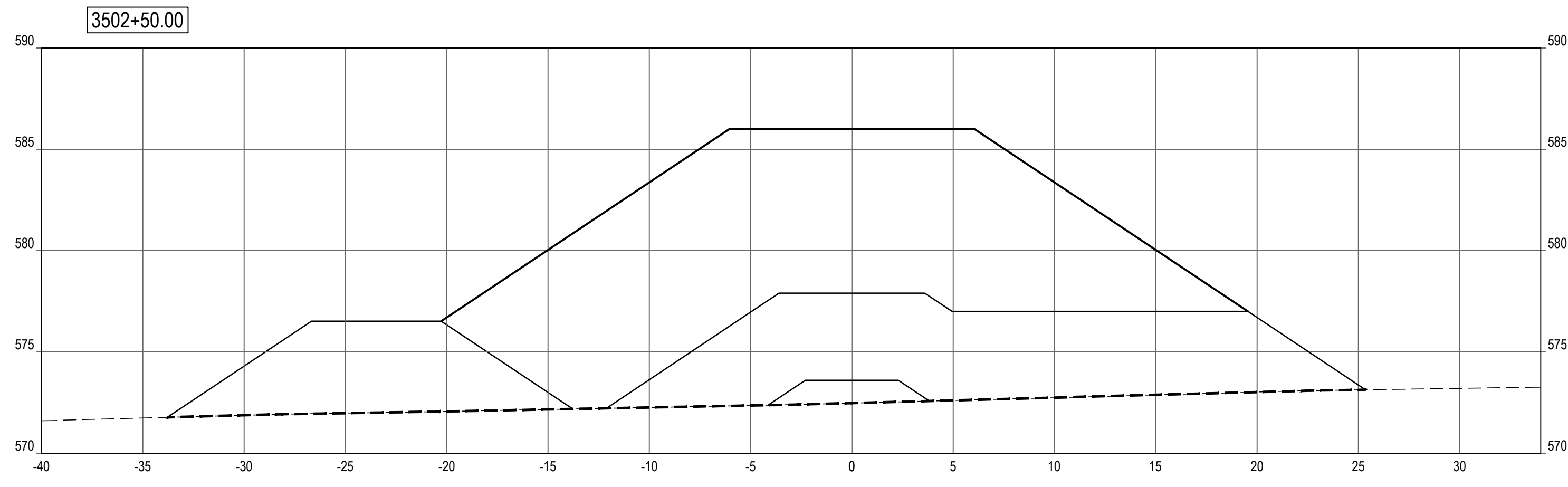
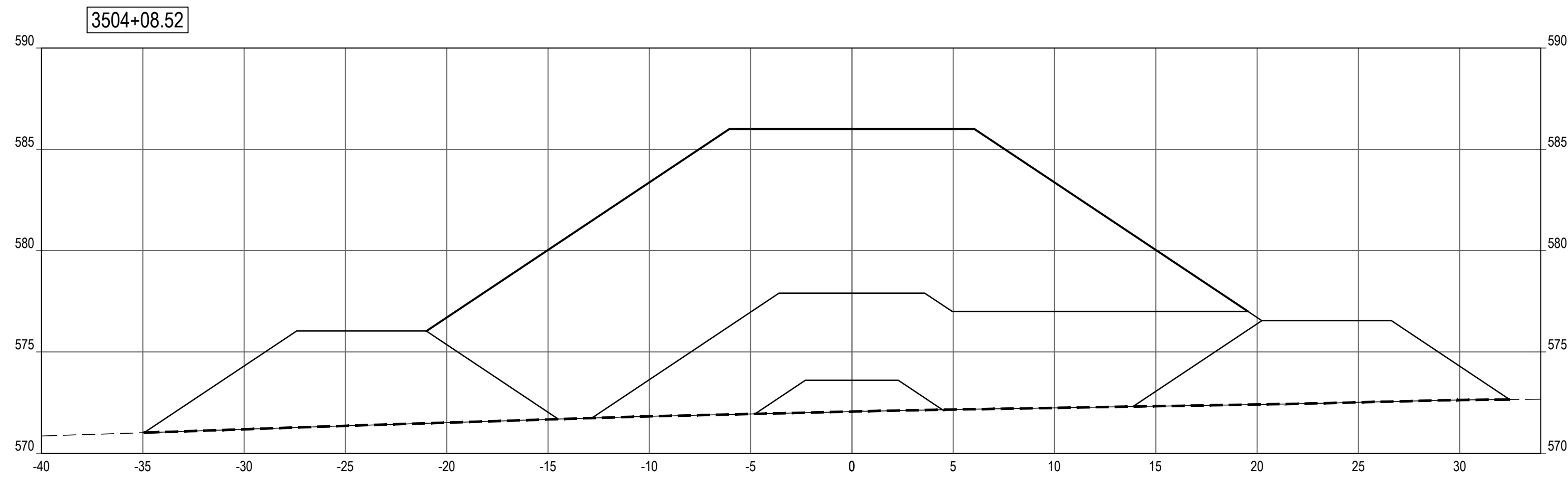
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PROFILE - BW3.5	PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS	DATE 02/26/2021
	SHEET NO. C-324
	OF (124) SHEETS

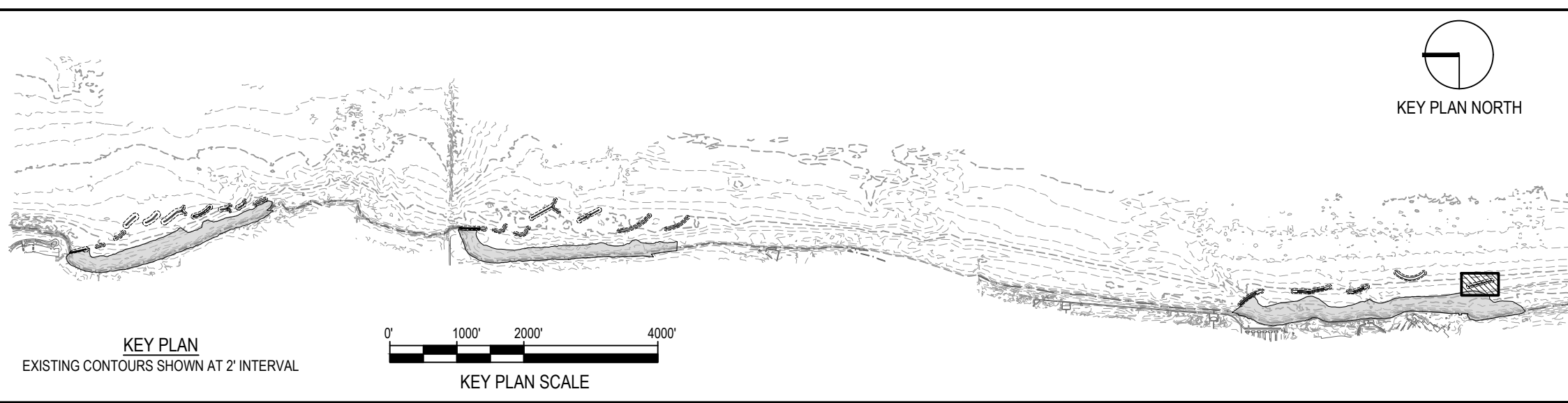
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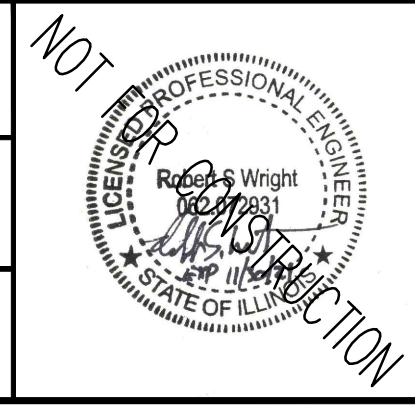
LEGEND

- PROFILE / SECTION - EXISTING GRADE
- PROFILE - FINISH GRADE AT CENTERLINE
- · · PROFILE - FINISH GRADE AT REFERENCE LINE
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REVISIONS			DRAWN	PREPARED
NO.	DATE	REMARKS	---	---
			TRACED	APPROVED
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SECTIONS - BW3.5 (STA 3500+50 TO 3504+09)		PROJECT NO. 102-311-099
ILLINOIS BEACH STATE PARK SHORELINE STABILIZATION 1 LAKE FRONT DRIVE ZION, LAKE COUNTY, ILLINOIS		DATE 02/26/2021
		SHEET NO. C-325
		OF (124) SHEETS

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