

(Written Reply 6-2-21)

Joan:

Here are the answers to your questions:

Dynamite Bay#1 is in two separate sections. (See attachment)

If you could provide a written description of the proposed project and include the following information:

- Legal Location description

- Section, Township, and Range of where the stairs will be located -Stair installation (See Profile Sheets)

- equipment that will be used (Hand tools, everything is portable and is built in sections, no other equipment required)

- will there be a concrete base/ how will the stairs be anchored? (No concrete, using 10' driven pipe supports)

- any other material being brought in to install the stairs? (As listed below or on attachments)

-the type and size of materials which will be used

- wood, metal etc.?

(AC2 Ground Contact Cedartone Premium Pressure Treated Lumber w/ Exterior Screws. Dock Edge Side

Leg Pipe Holder, HD Galvanized Part No. DE99003F, Leg Pipe 1-7/8" Galvalume, 10' Part No. DE93110F

and Auger, Leg Pipe, Female, Fits up to 2" OD Pipe, Galvanized Part No. DE94200F

-height and width of the stairs (Width of stairs 3'-4" Height Varies See Profile Sheets)

-exact starting and stopping elevation of the stairs (See Profile Sheets)

- will there be rip rap used at all? (No)

- if so, size of material

-size and depth of area where riprap will be placed

-NDDOT pit number from where the rip rap is being brought in from

The elevations are listed (under the north arrow) on the profile sheets

Thanks,

Rolly Ackerman, President of Garrison Creek Cottage Owners Association

Garrison Creek

Legend

25

30

148N 85W

148N 84W

36

31

Google Earth

1000 ft



SEE DOCK EDGE
FOR STAIR ANCHORING

2X6 HANDRAIL

2X4 HANDRAIL POST

2X12 STAIR TREAD
WITH 6-5/8" RISE

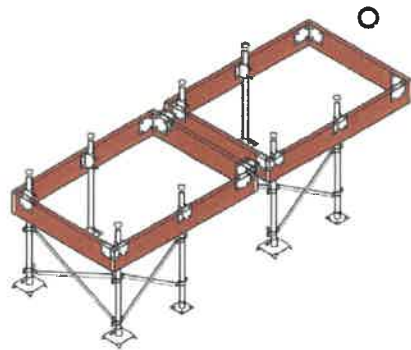
2X12 STAIR STRINGER





STATIONARY HARDWARE

Home / Dock Edge+ / Dock Construction / STATIONARY HARDWARE



STATIONARY HARDWARE

UPC 057389861005

Engineered for strength, durability and simplicity.

SKU: DE86100F

Categories: **Dock Construction**, **Stationary Dock Hardware**

DESCRIPTION

Description

Part No.

Description

DE86100F



Corner Leg Holder, Galvanized

DE86101F












Side Leg Holder, Galvanized

DE99003F



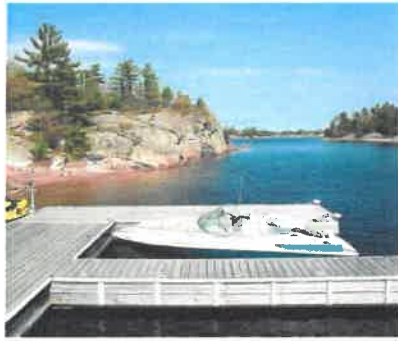
Side Leg Pipe Holder, HD, Galvanized

DE86102F		Base Plate, Galvanized
DE86103F		Connector Hinge, Galvanized
DE86104F		Corner Plate, Galvanized
DE87107F		Corner Leg Brace Holder, Galvanized
DE87122F		Backer Plate, Galvanized
DE89101F		Leg Brace, (3 Pcs/Set), Galvanized
DE91111F		Pipe/Leg Cap, 1-7/8", PVC, White, (4Pcs/Bag)
DE91116F		Corner Plate w/Anchor Tie Down Bar, Galvanized
DE93105F		Leg Brace Holder, In-Line, (1Pc/Bag), Galvanized
DE93110F		Leg Pipe, 1-7/8", Galvalume, 10'

- DE93168F  Leg Pipe, 1-7/8", Galvalume, 6'8"
- DE94102F  Bottom Pad, Galvanized
- DE94200F  Auger, Leg Pipe, Female, Fits up to 2" OD Pipe, Galvanized
- DE95122F  Corner Bracket, Inside Joist, Galvanized
- DE97103F  Pin, 6-3/4" Long, 1/2" Rod, for DE86103F
- DE86105F  Connector Hinge Kit "T" Style
- DE86106F  Connector Hinge
- DE91119F  Anchor Chain Corner
- DE95123F  Washer Plate

Related products





STATIONARY DOCK HARDWARE

[Read more](#)



STATIONARY CONNECTOR HINGE KIT

[Read more](#)



FLOATING HARDWARE

[Read more](#)

ABOUT DOCK EDGE

Established in 1991, Dock Edge is a manufacturer of dock products + accessories! With over 70 categories of products, we have everything your dock needs. When you purchase Dock Edge products, you are investing in quality marine products that are durable and reliable. Dock Edge+ is a subsidiary of CMP Group Ltd.

CORPORATE LINKS

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FAQ

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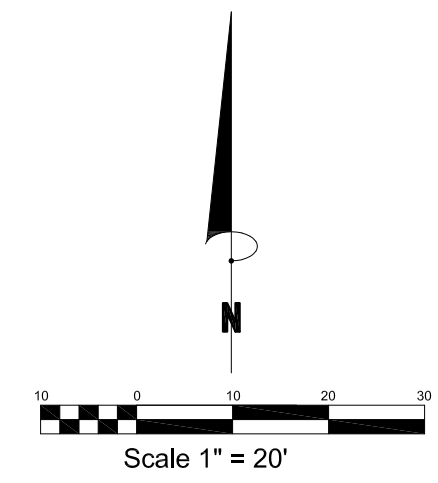
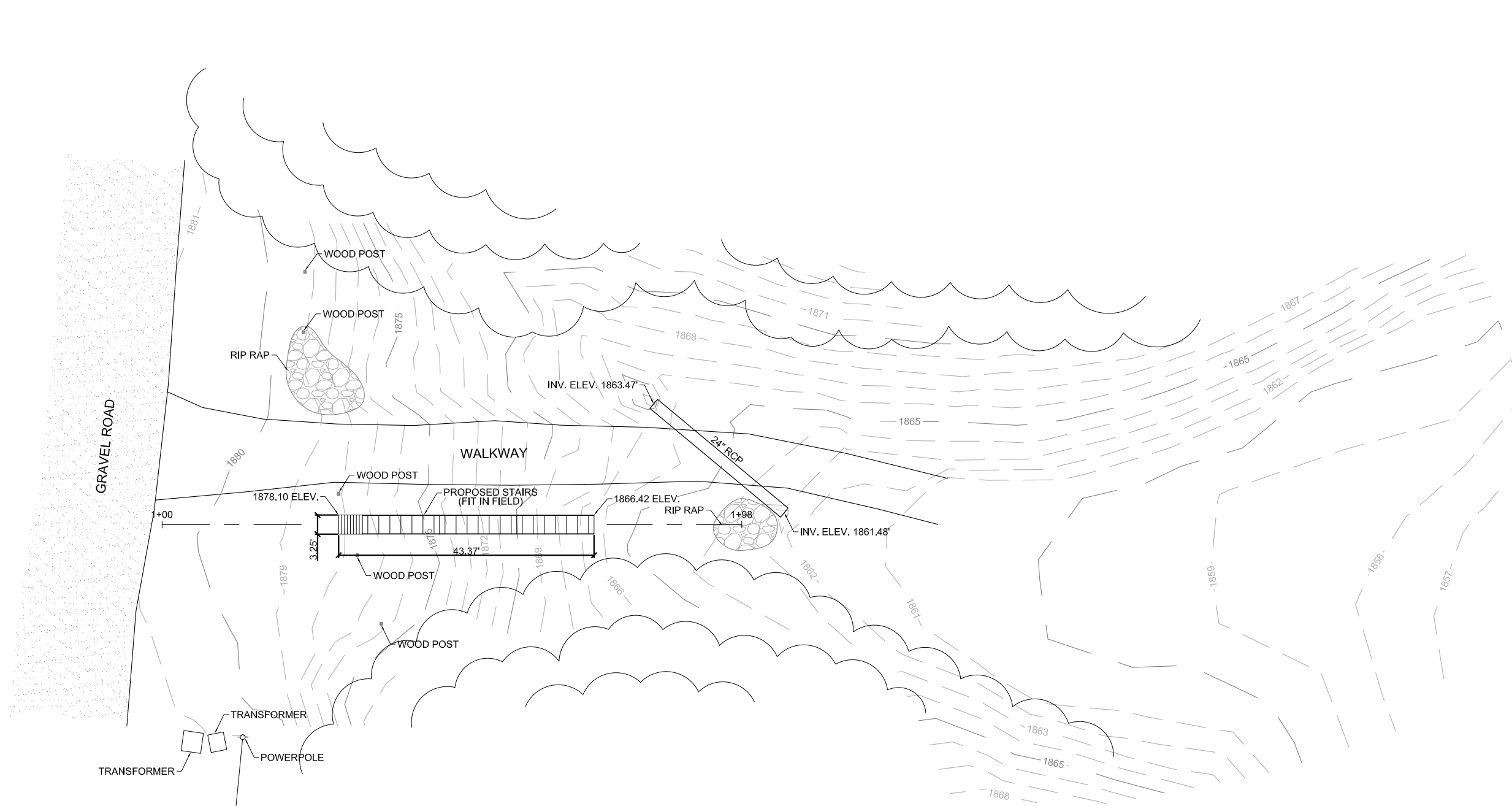


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STEPS/STAIRWAY/WALKWAY CONDITIONS

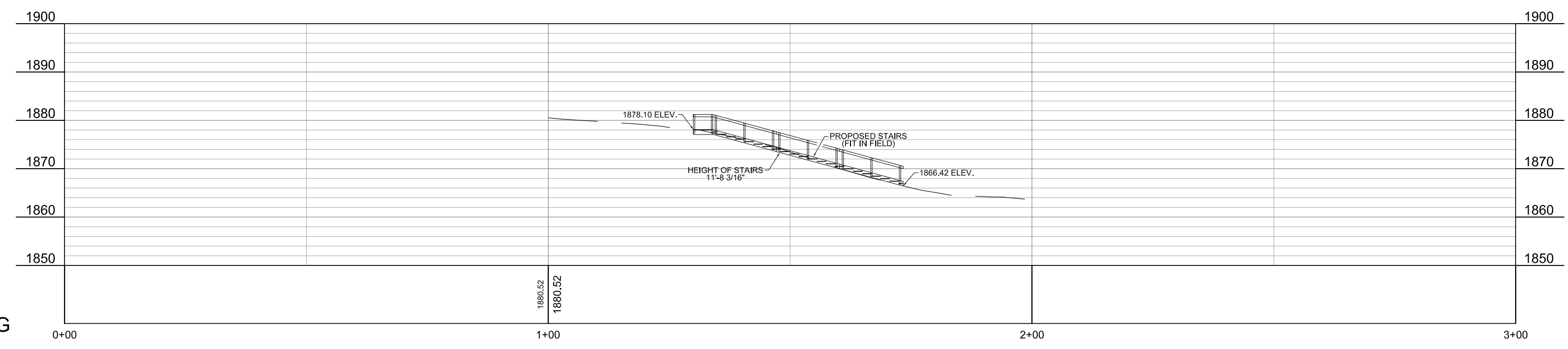
1. Steps/Stairways/Walkways will be free from excessive spring, deflection or lateral movement and will be no greater than 4 feet and no less than 3 feet in width unless otherwise approved by the Natural Resources Manager.
2. Steps/Stairways/Walkways will be structurally sound. Flooring or decking will not be less than: standard 2 inch x 6 inch S4S construction; 3/4 inch marine plywood; or similar material capable of supporting a design load of 50 pounds per square foot. Flooring or decking boards shall not be spaced greater than 1 inch apart.
3. Handrails, if used, will withstand a lateral load equal to or greater than 200 pounds per foot. They will be structurally sound, maintained in a state of good repair, and be built of standard 2 inch x 4 inch S4S construction or equivalent strength material. Posts for handrails will be spaced no more than 8 feet on center.
4. All vegetation will be mowed or trimmed within a distance of one (1) foot from each side of the stairway/steps/walkways.
5. Steps/Stairways/Walkways will be kept free of foreign materials and obstructions, including but not limited to protruding nails, screws and other fasteners.

PROPOSED STAIRWAY FREEWAY STAIRWAY LOCATION (SECTION 31, TOWNSHIP 148 NORTH, RANGE 84 WEST, McLEAN COUNTY, NORTH DAKOTA)



NOTES:
 BUILT/ MAINTAINED PER ATTACHMENT
 "COE SPECIFICATIONS STAIRWAY CONDITIONS"
 ELEVATION DATUM IS BASED ON 1988 NAVD
 SUBTRACT 1.29 TO GET TO 1929 NGVD.
 FREEWAY - TOP STAIRWAY = 1878.10 - 1.29 = 1876.81
 BOTTOM STAIRWAY = 1866.42 - 1.29 = 1865.13

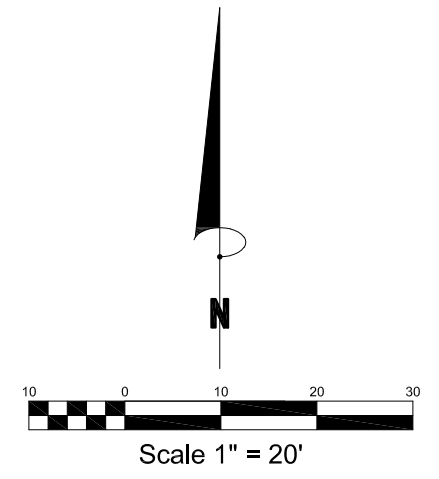
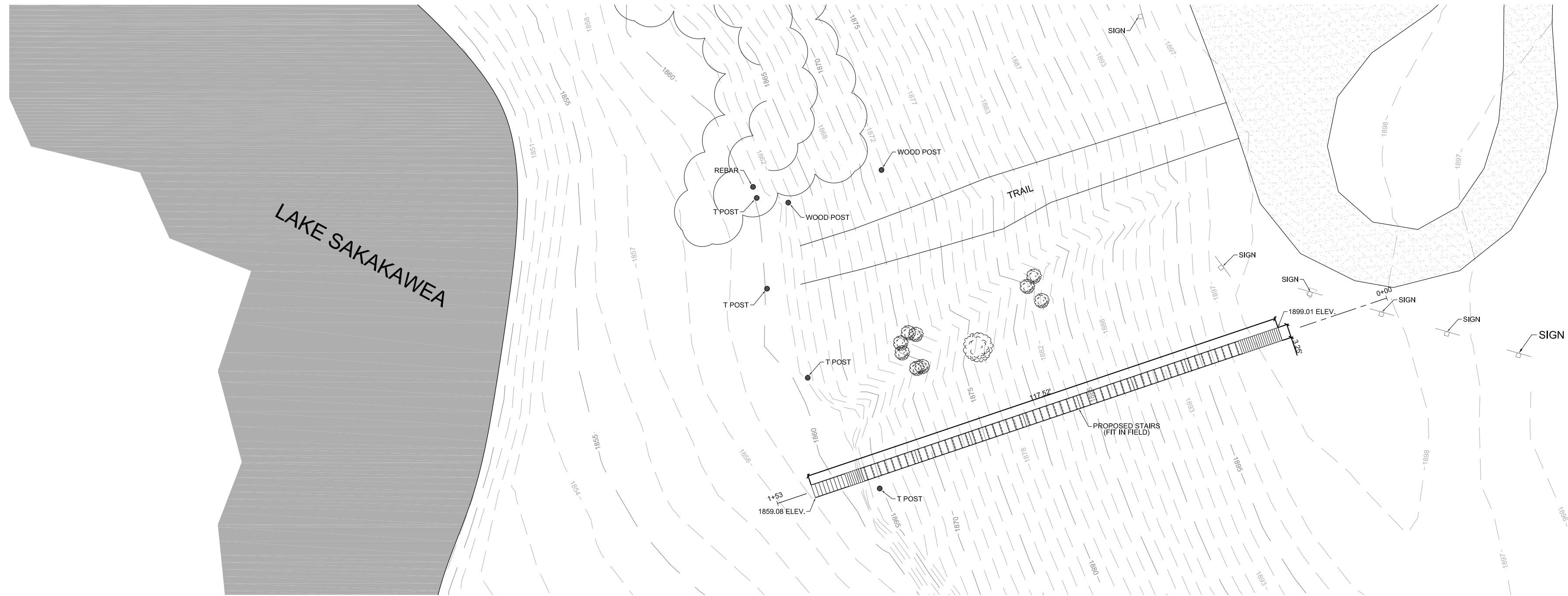
Alignment - (3)
 0+00 to 3+00
 Horz. Scale: 1"=20'
 Vert. Scale: 1"=20'



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 (701) 838-0786
 1907 17TH ST SE, MINOT, N.D. 58701

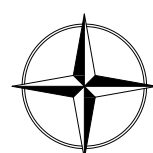
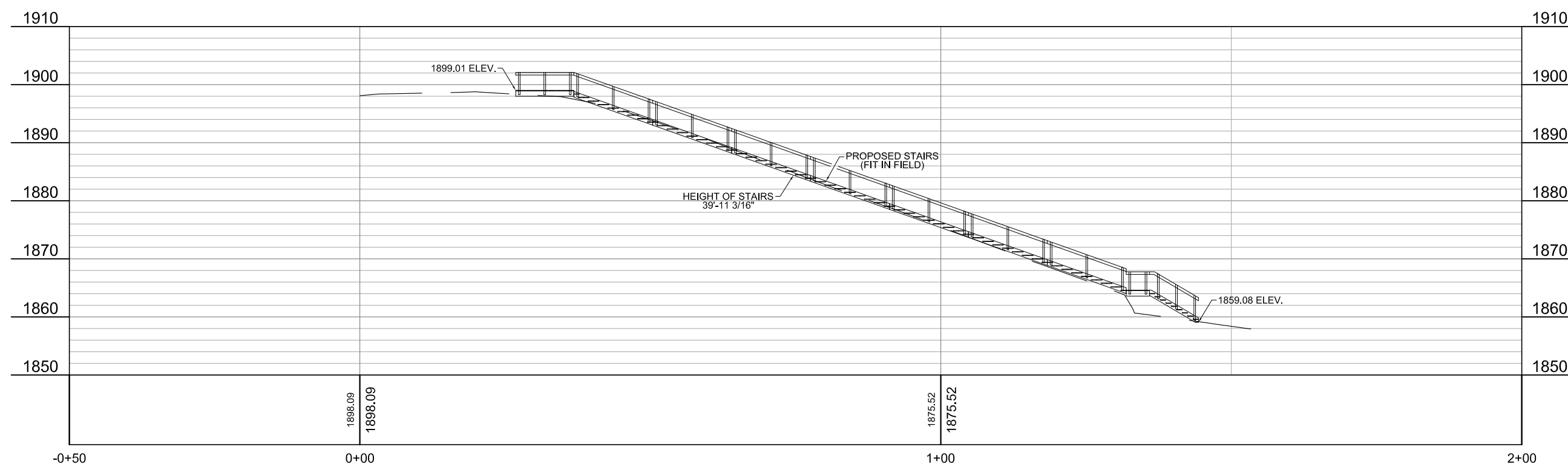
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PROPOSED STAIRWAY
DYNAMITE BAY STAIRWAY LOCATION #1
 (SECTION 36, TOWNSHIP 148 NORTH, RANGE 85 WEST & SECTION 31,
 TOWNSHIP 148 NORTH, RANGE 84 WEST, McLEAN COUNTY, NORTH DAKOTA)



NOTES:
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 "COE SPECIFICATIONS STAIRWAY CONDITIONS"
 ELEVATION DATUM IS BASED ON 1988 NAVD
 SUBTRACT 1.29 TO GET TO 1929 NGVD.
 DYNAMITE #1 - TOP STAIRWAY = 1899.01 - 1.29 = 1897.72
 BOTTOM STAIRWAY = 1859.08 - 1.29 = 1857.79

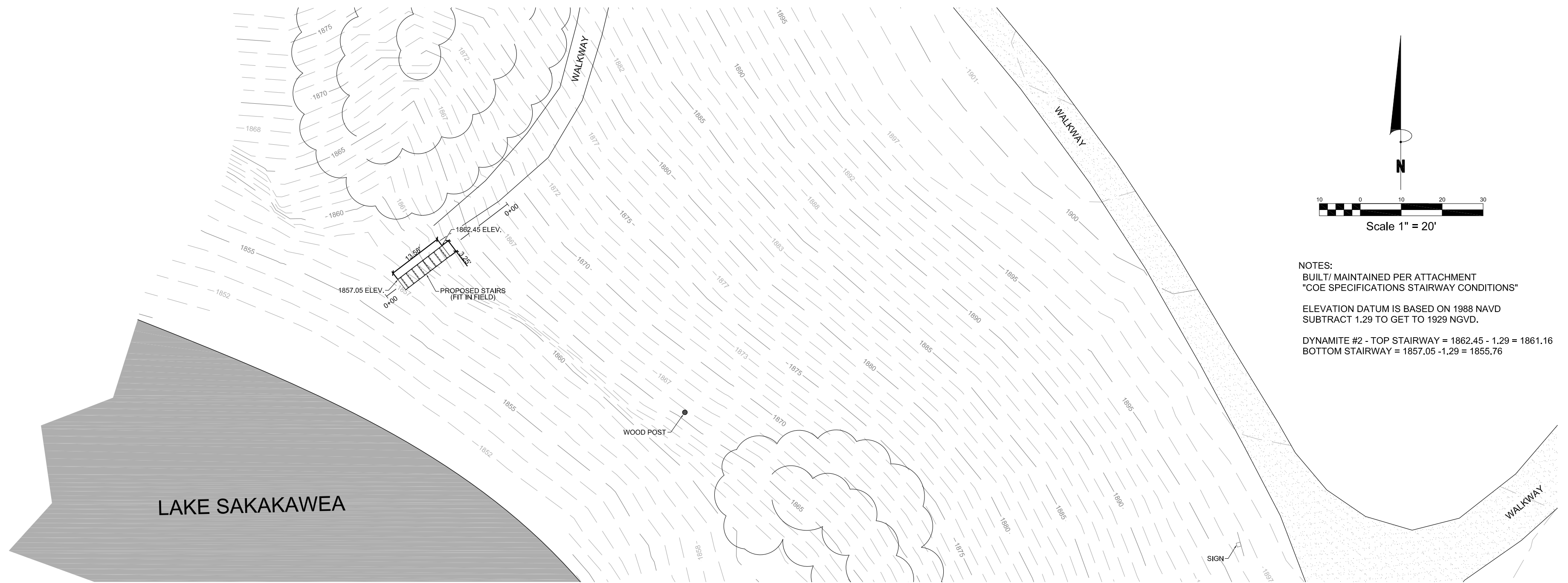
Alignment 1
 -0+50 to 2+00
 Horz. Scale: 1"=20'
 Vert. Scale: 1"=20'



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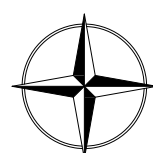
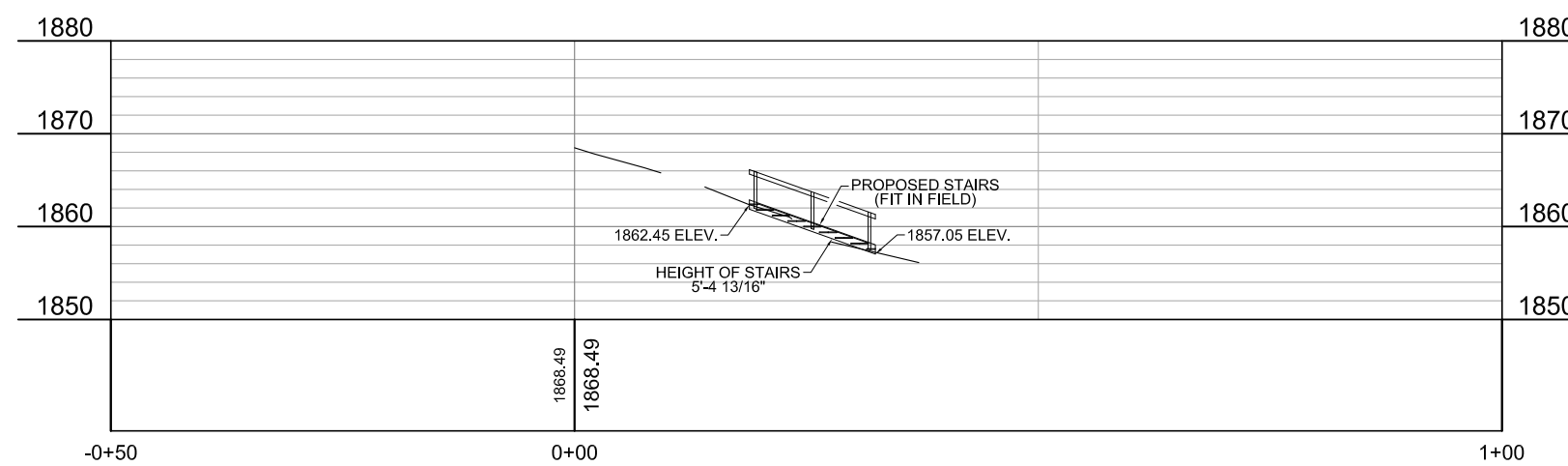
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PROPOSED STAIRWAY
DYNAMITE BAY STAIRWAY LOCATION #2
 (SECTION 36, TOWNSHIP 148 NORTH, RANGE 85 WEST,
 McLEAN COUNTY, NORTH DAKOTA)



NOTES:
 BUILT/ MAINTAINED PER ATTACHMENT
 "COE SPECIFICATIONS STAIRWAY CONDITIONS"
 ELEVATION DATUM IS BASED ON 1988 NAVD
 SUBTRACT 1.29 TO GET TO 1929 NGVD.
 DYNAMITE #2 - TOP STAIRWAY = 1862.45 - 1.29 = 1861.16
 BOTTOM STAIRWAY = 1857.05 - 1.29 = 1855.76

Alignment 2
 -0+50 to 1+00
 Horz. Scale: 1"=20'
 Vert. Scale: 1"=20'



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