

AMX40

Temporary & Permanent Wildlife Fencing

Specification & Installation Guides

LAST UPDATED MAY 2022

SUITABLE SPECIES

- SALAMANDERS
- NEWTS
- TOADS
- TORTOISES
- SNAKES
- TURTLES
- LIZARDS
- SMALL MAMMALS

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Animex®

AMX 40

Basic Material Size & Features

The length of each **AMX 40** section will vary depending on the material choice.

AMX 40 dimensions based on Animex's optimal fencing materials.

SCORED PLASTIC - PERFORATED & NON-PERFORATED

Temporary Applications (AMX-T)

Thickness: 0.04in / 1mm

Length: 75ft / 22m

Weight: 50lbs / 23kg

Semi-Permanent Applications (AMX-SP)

Thickness: 0.08in / 2mm

Length: 35ft / 10m

Weight: 48lbs / 22kg

PREFORMED METAL- PERFORATED & NON-PERFORATED

Permanent Applications (AMX-XP)

Thickness: 0.08in / 2mm

Length: 8ft / 2.4m

Weight: 85lbs / 38kg

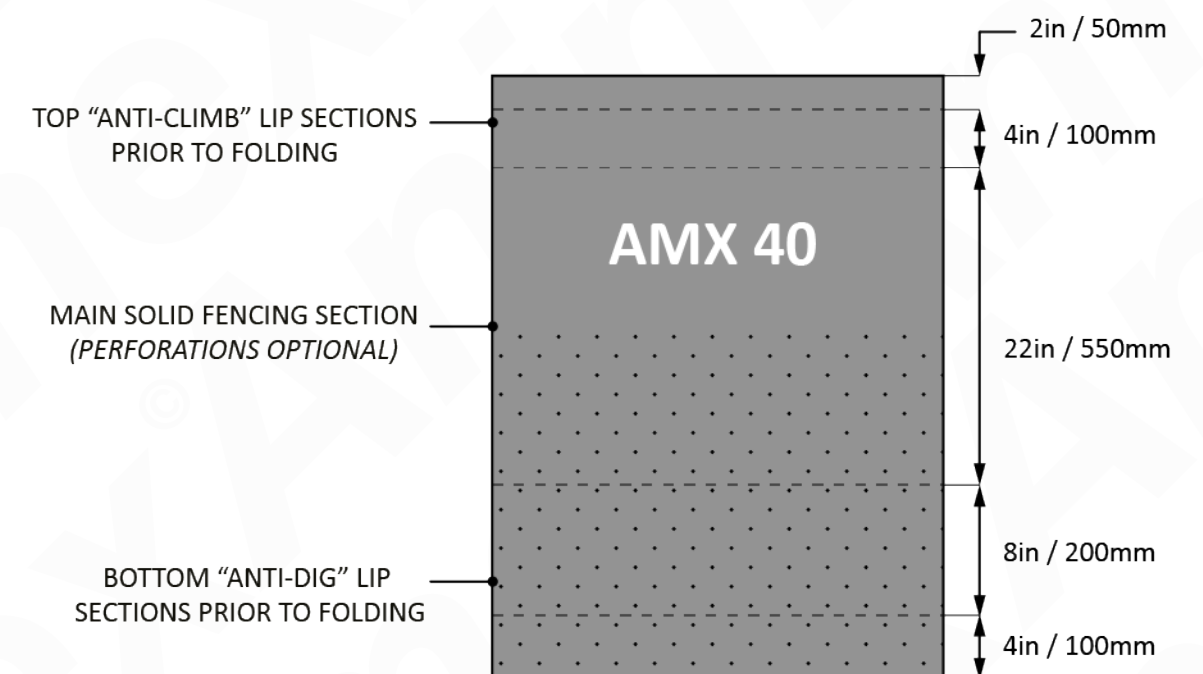
AMX 40 INSTALLED ABOVE GROUND HEIGHT: 22in / 550mm

Notes:

These dimensions are based on maximising the amount of material that can be shipped economically and manoeuvred on site in line with common health and safety guidelines.

Material may be shipped in sheets or rolls depending on their length.

Customised options for alternative **AMX40** barrier options are available from Animex® Fencing suppliers upon request. Other traditional and existing fencing materials including posts and wire etc can be obtained from local contractors.



● AMX 40

Step-by-Step Installation

- 1) Clear vegetation along the fence line and work area.
- 2) Mark out the Animex fence line.
- 3) **Below Ground:** Excavate trench. Ensure the trench is level and clear of large clumps or rocks.
Above Ground: Clear Ground. Ensure the ground is level and clear of large clumps or rocks.
- 4) **Free-Standing:** Lay out posts and roll out Animex barrier (Fold bottom lip if required).
Attached to existing fences: Roll out Animex barrier along fence (Fold bottom lip if required).
- 5) Install posts at the back of the trench using manual or machine powered post driver (Install horizontal wire if required and secure to end braces).
- 6) Place the Animex fence material into the trench with the lips facing towards the area that animals will encounter the fence.
- 7) Fasten the Animex to posts, straining wire or existing fence starting at the top and work down.
- 8) When attaching rolls overlap them following details on installation drawing Pg7. A minimum of 4 ties should be used on any joins in the fence
- 9) Back fill the trench. Ensure the backfill is compact to eliminate gaps for animals to crawl through. Do the same on the back side of the fence.
- 10) Fasten the top lips and install any additional features such as one-way funnels or pitfall traps (if required).

MATERIALS

Required

- Animex Fencing
- Animex Washers
- UV Resistant Zip-ties or Fencing Wire
- Fence Posts

Optional

- 12 Gauge Straining Wire
- Fence end braces & wire strainers
- Gripple Wire Joiners (or similar)
- Fence Post Safety Caps

TOOLS & EQUIPMENT

Required

- Weed wacker / Whipper
- String Line & Marker Pain
- Box Cutter / Stanley Knife
- Trencher / Excavator
- Spade / Trench / Shovel
- Post Diver / Sledge Hammer
- Battery Powered Drill
- Spade Drill Bit 3/4 (20mm)
- Cutting Pliers

Optional

- Shear Attachment For Drill (Trim Fence)
- Battery Powered reciprocating Saw (Trim Posts)
- Drill Bit For Drainage Holes 1/8in (3mm)
- Gripple Tensioning Tool



Fixings & Fastening

Scorded Plastic HDPE

AMX-T & AMX-SP

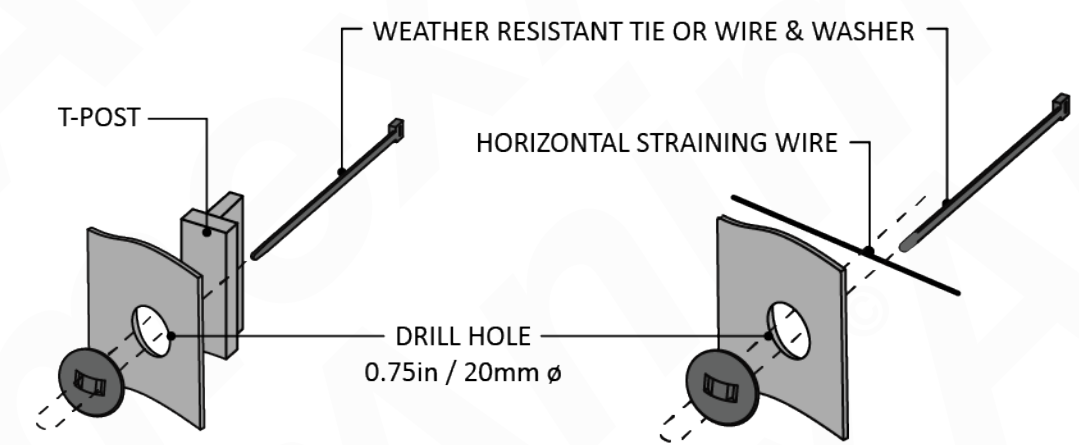
Pre-scored plastic (HDPE) sheets and rolls can expand in when installed in places where there are large fluctuations in temperature. You should therefore avoid hard fixing this material as it can cause buckling and even open up gaps at overlapped or joining sections.

We have prepared some illustrations to demonstrate the best ways to connect and fasten HDPE rolls and sheets.

This technique helps to reduce the chances of gaps opening up at the joins and allows the fencing to expand and contract freely.

Ensuring the trench is backfilled correctly and the earth is compacted tightly against both sides of the fence is also essential to ensure there are no gaps at ground level where animals will be encountering the fence.

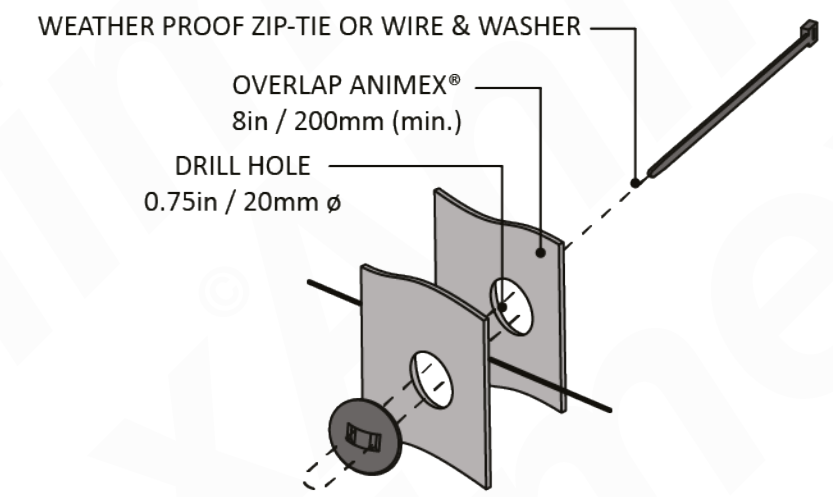
Joins should be made between posts and onto horizontal wire or horizontal parts of existing fences where possible.



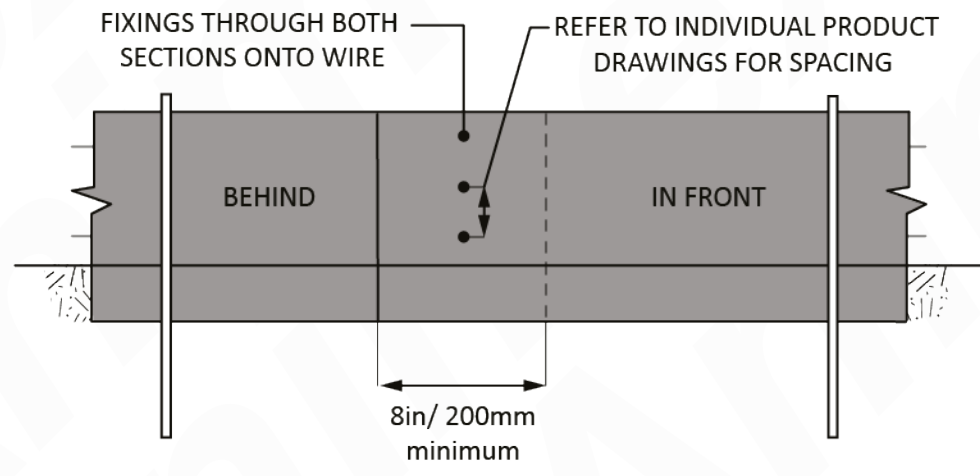
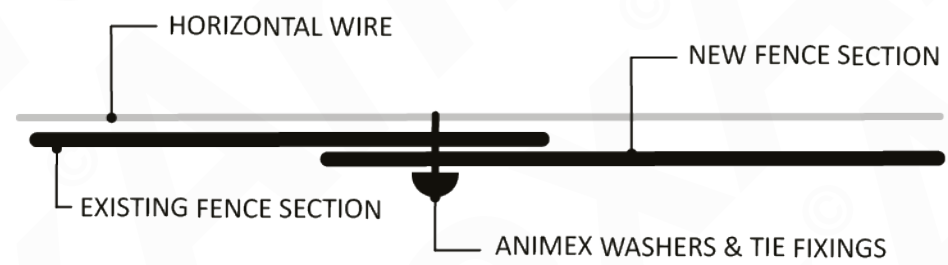
ATTACH TO POSTS
NOT TO SCALE

ATTACH TO WIRE
NOT TO SCALE

NOTES:
This specification should be used to aid installation. Measurements are accurate but may need to be adjusted dependent on location, conditions and local authority recommendations.



JOINING & OVERLAPPING SECTIONS
NOT TO SCALE



Fixings & Fastening

Preformed Metal

AMX-XP

Preformed metal fencing is supplied in sections that are often custom made for your project.

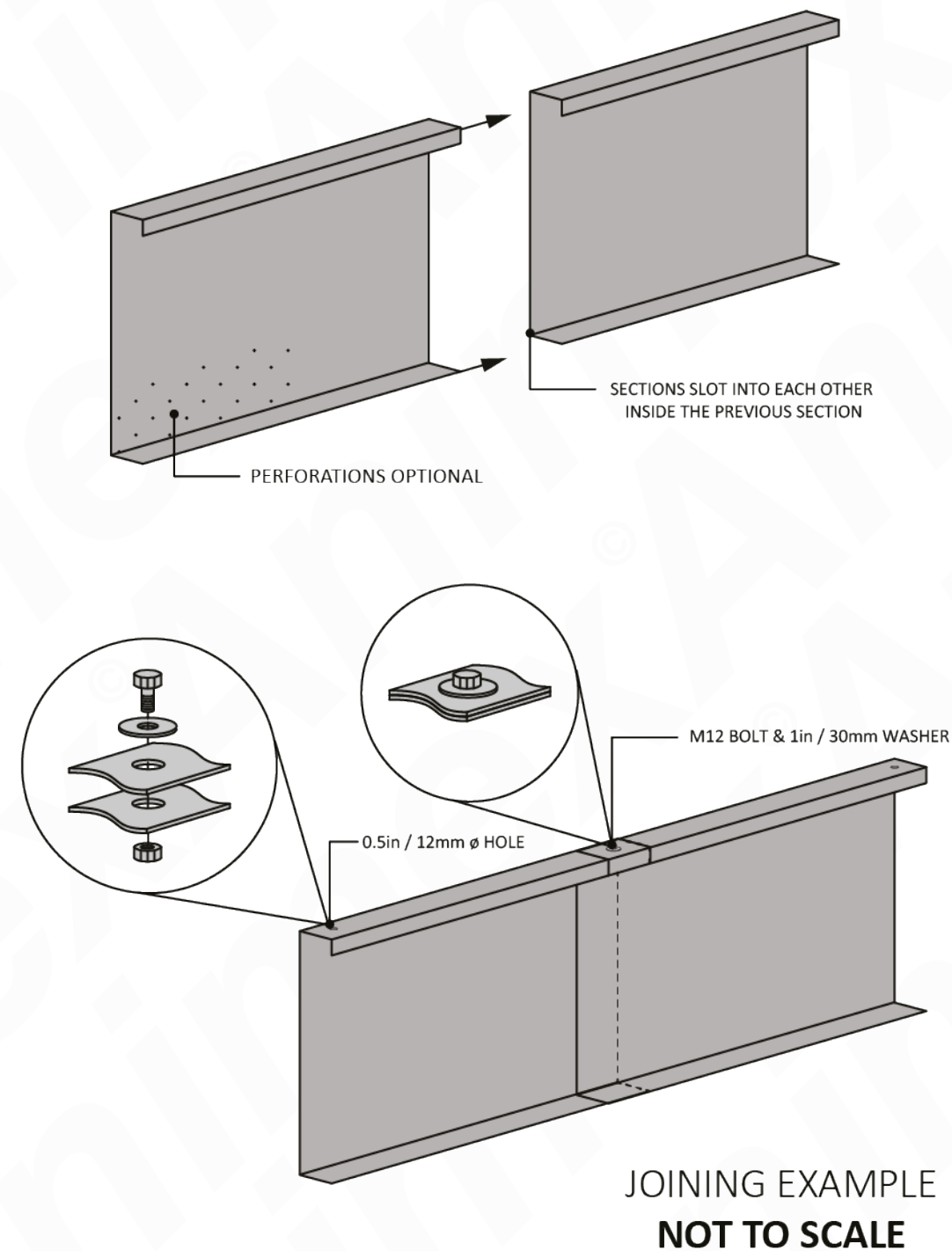
Each section slots inside the other and is then fastened by drilling holes through the overlapping sections and securing with bolt, nuts and washers.

End sections and turn-arounds will also be custom made per project and fitted on site.

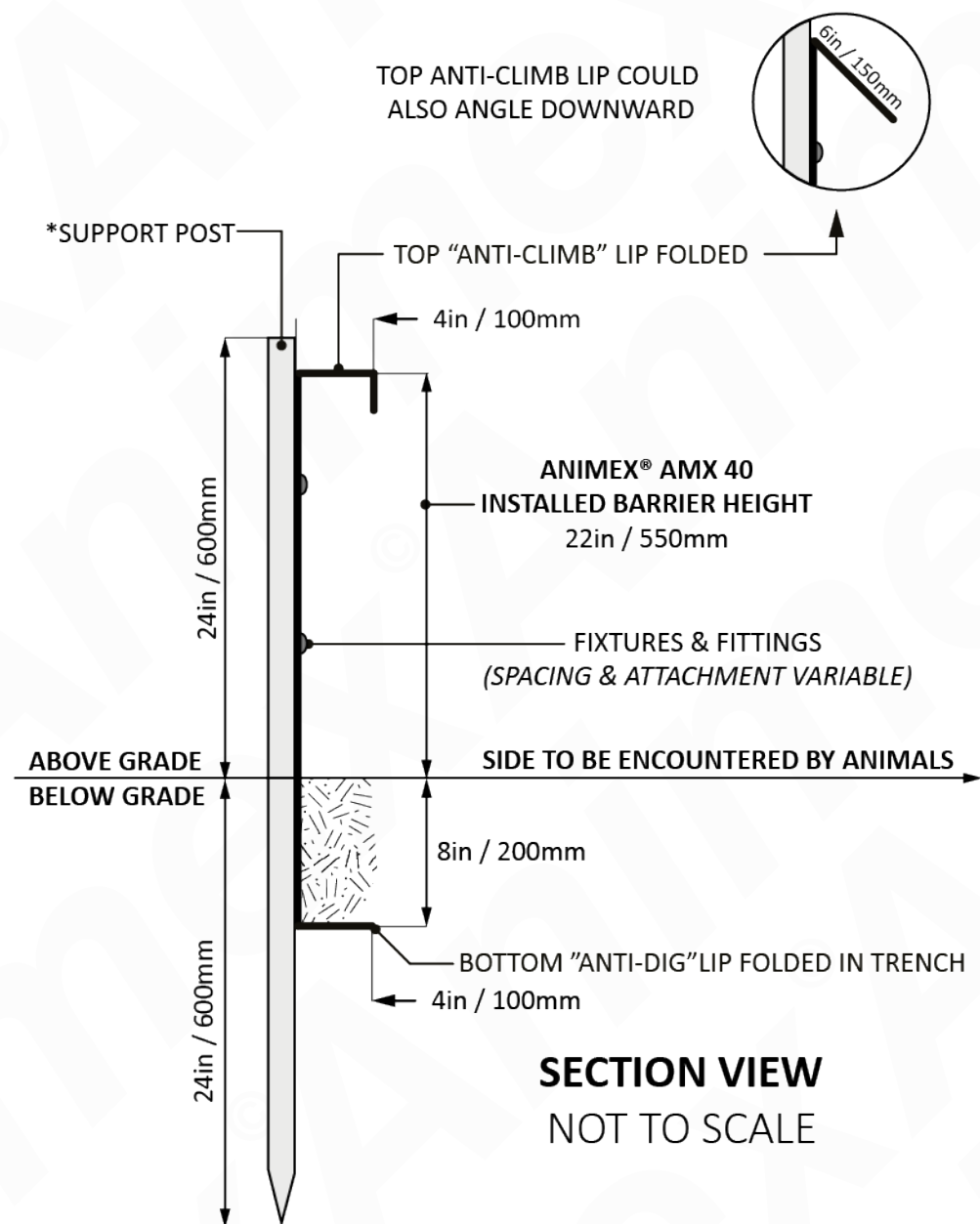
Panels can be supplied with a power coating but this will increase costs and may need touch ups after installation.

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● **AMX 40**
Free-standing Below Ground



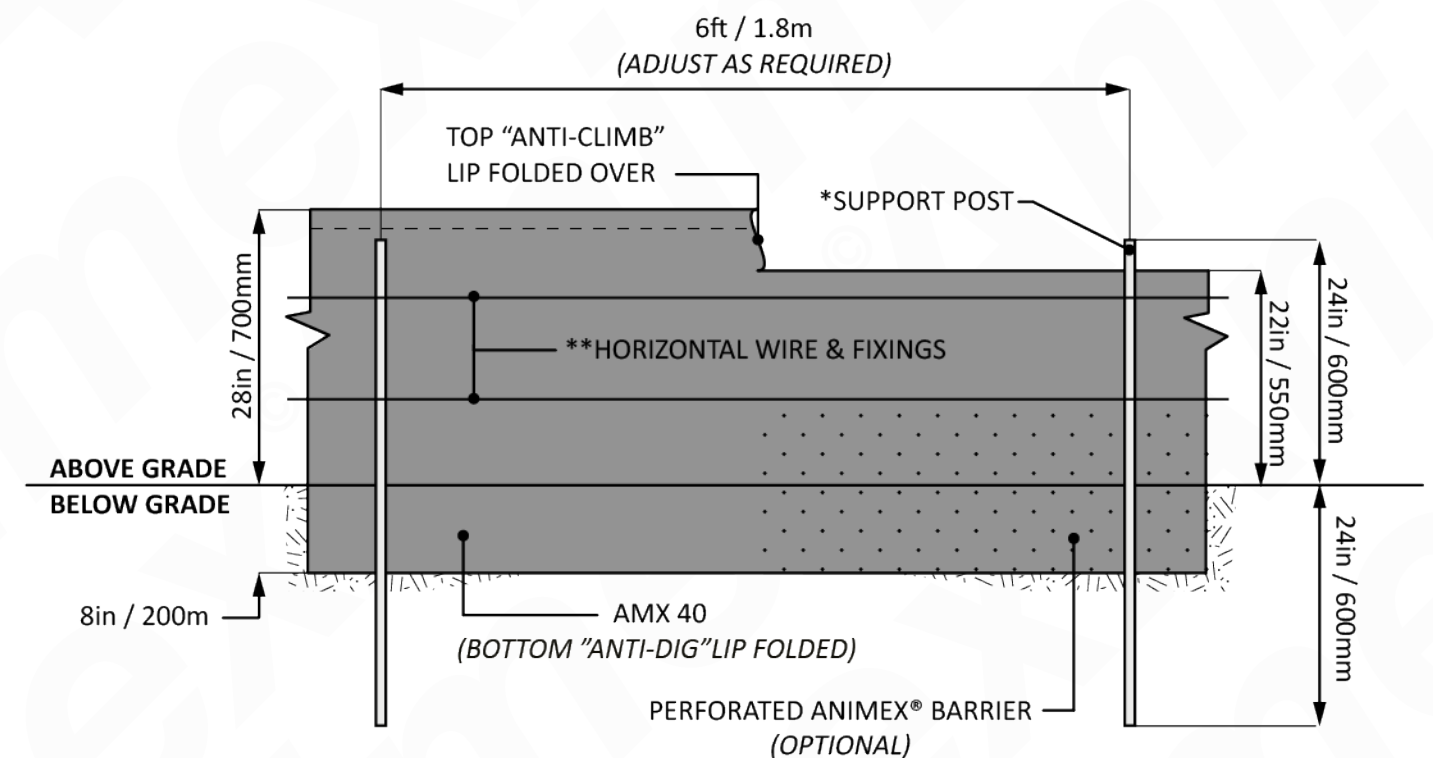
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AMX 40
Free-standing Below Ground

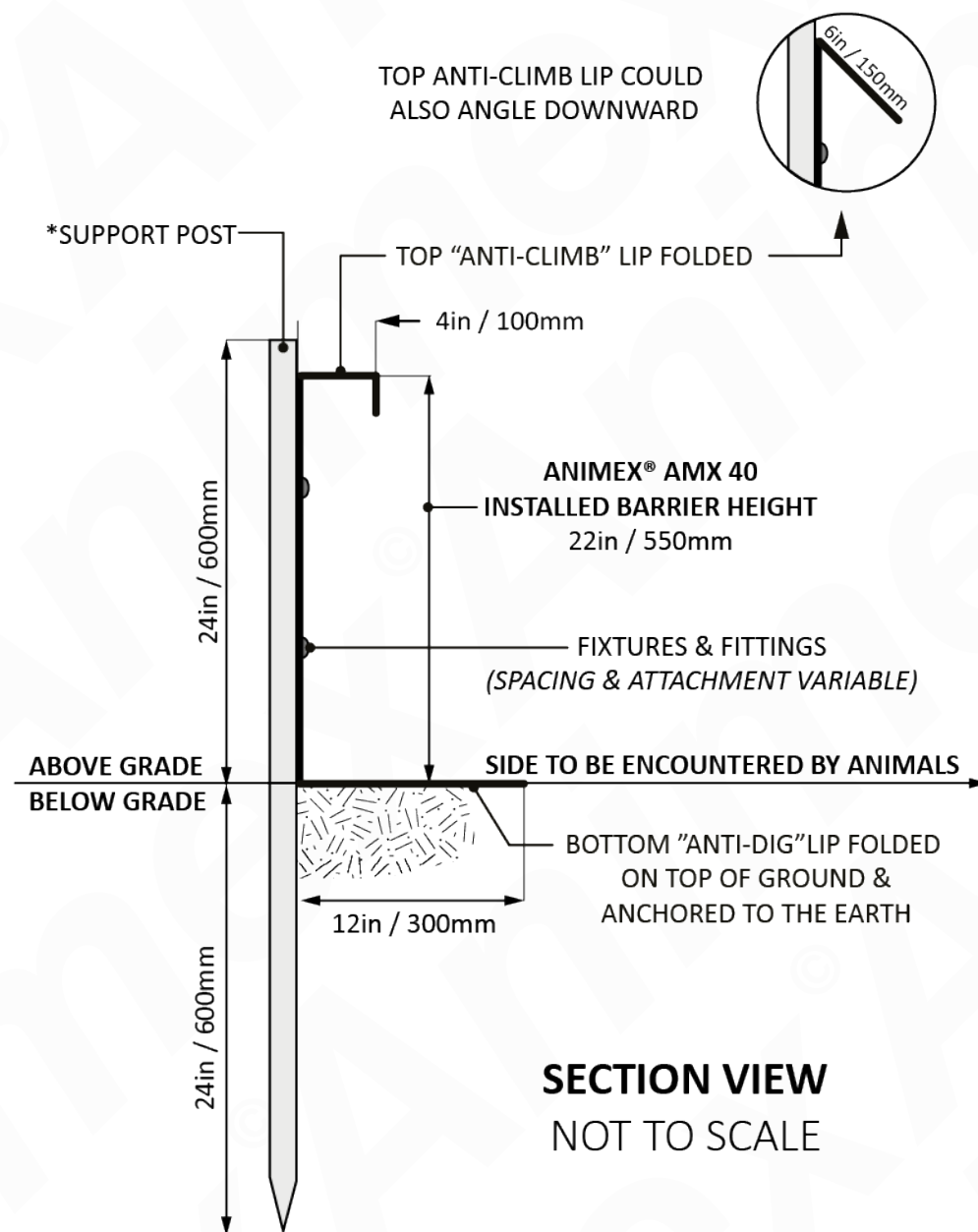
*SUPPORT POSTS & HORIZONTAL WIRE MAY NOT BE NEEDED FOR PREFORMED METAL (AMX-XP) FENCES

**HORIZONTAL WIRE MAY NOT BE NEEDED FOR TEMPORARY (AMX-T) FENCES



AMX 40
Free-standing Below Ground

● AMX 40 Free-standing Above Ground



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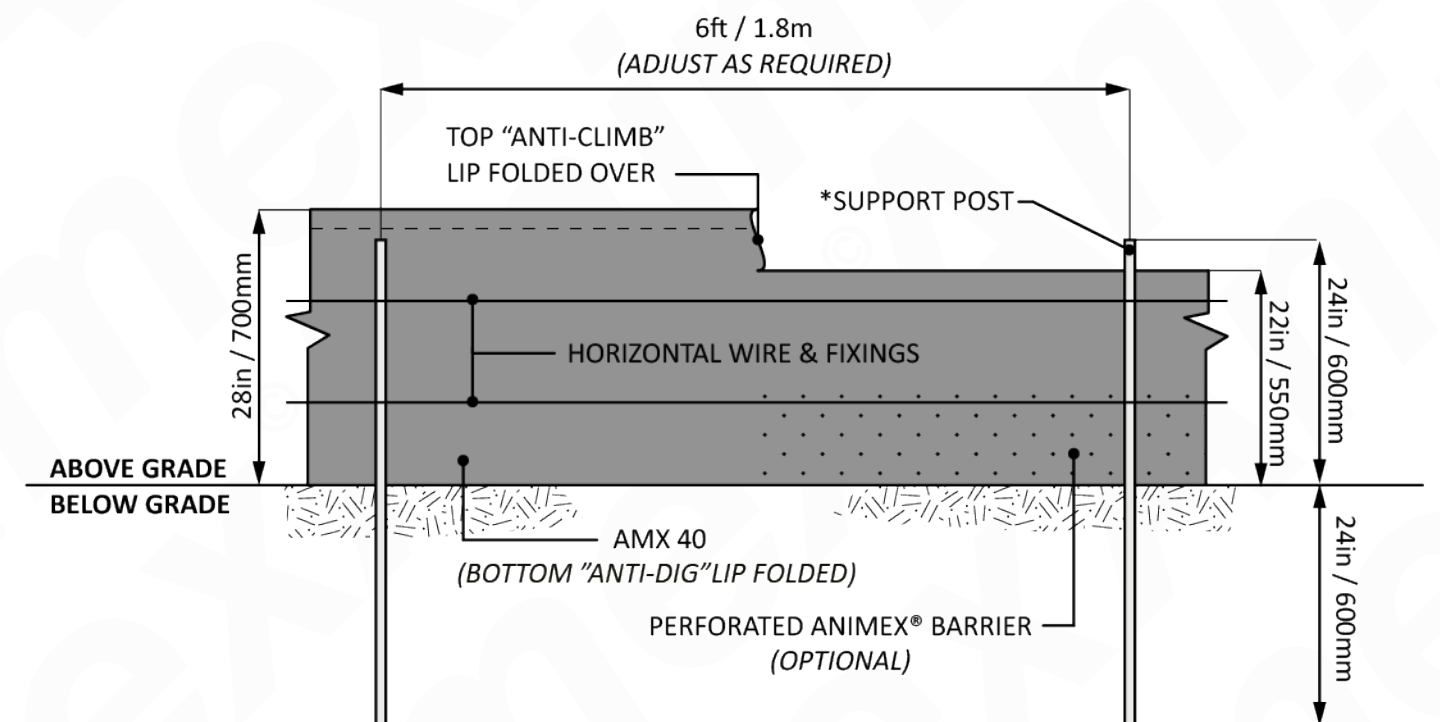
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AMX 40
Free-standing Above Ground

APPLY THIS ABOVE GROUND METHOD WHEN ATTACHING TO EXISTING FENCE TYPES AS WELL

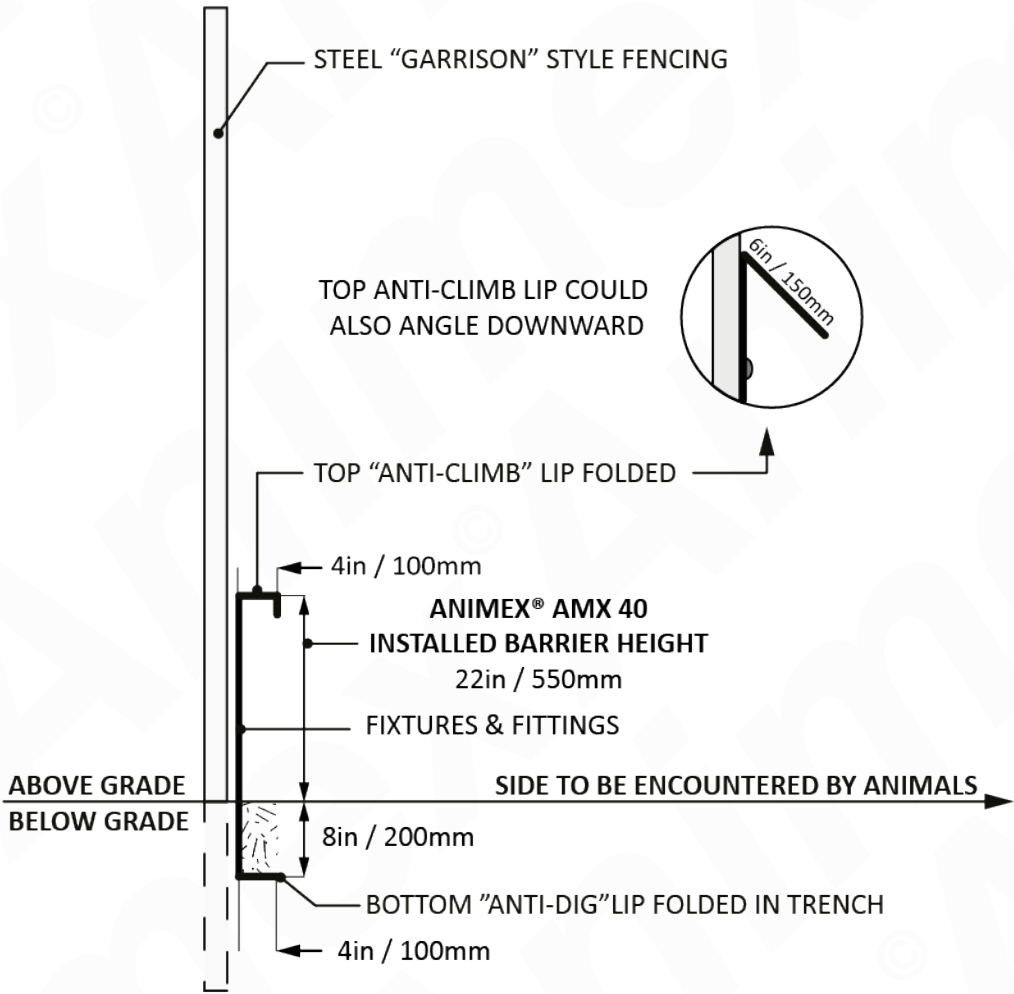
*SUPPORT POSTS & HORIZONTAL WIRE MAY NOT BE NEEDED FOR PREFORMED METAL (AMX-XP) FENCES

**HORIZONTAL WIRE MAY NOT BE NEEDED FOR TEMPORARY (AMX-T) FENCES



AMX 40
Free-standing Above Ground

● **AMX 40** Attached Garrison

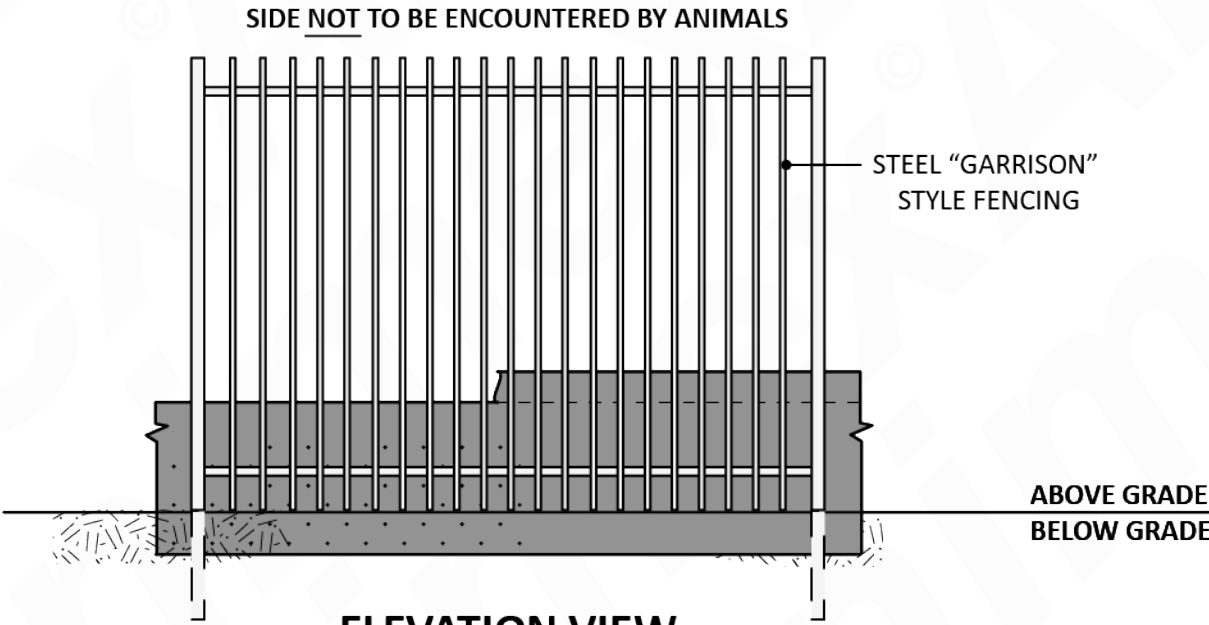
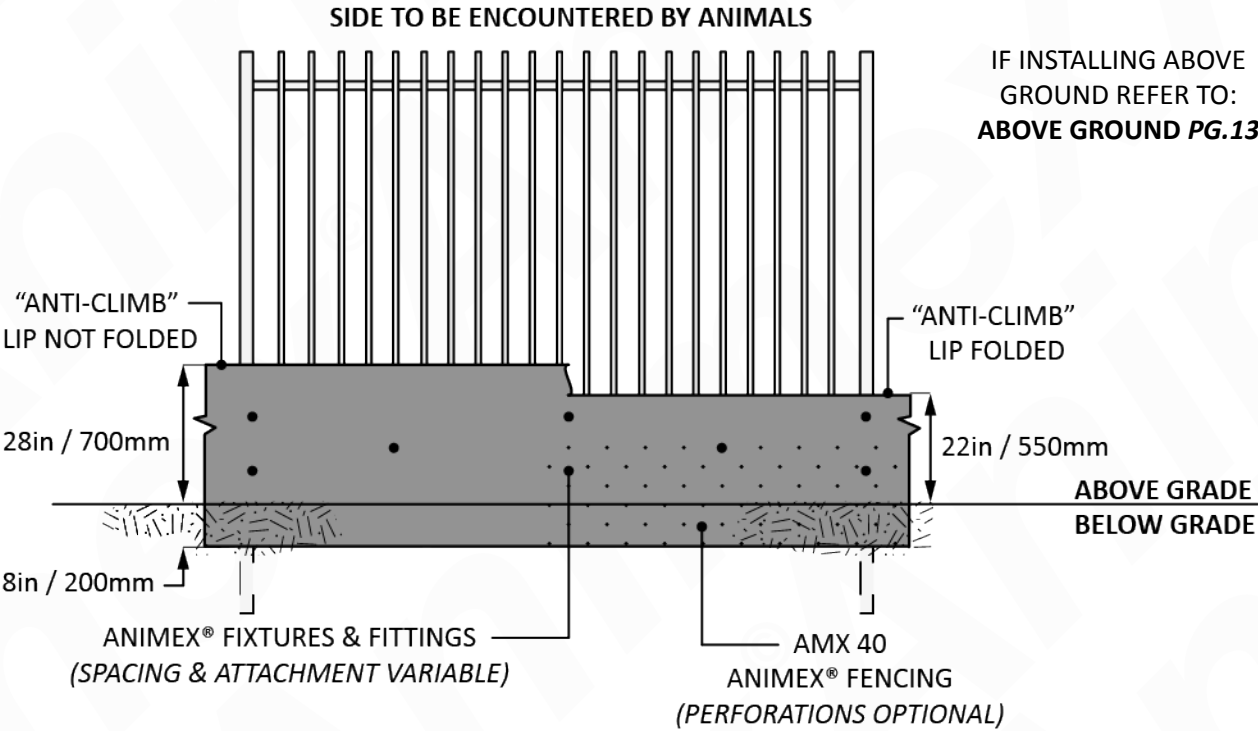


SECTION VIEW
NOT TO SCALE

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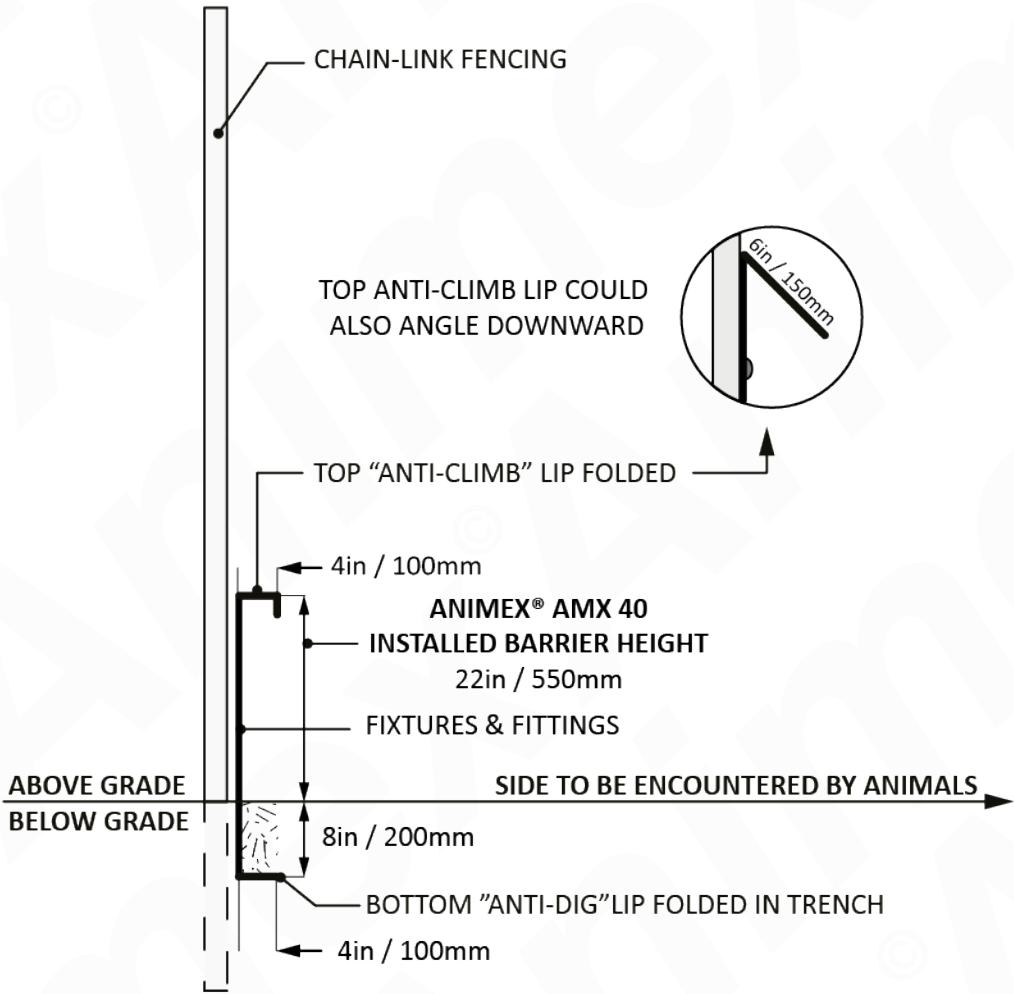
AMX 40
Attached Garrison



ELEVATION VIEW
NOT TO SCALE

AMX 40
Attached Garrison

● **AMX 40** Attached Chain-link

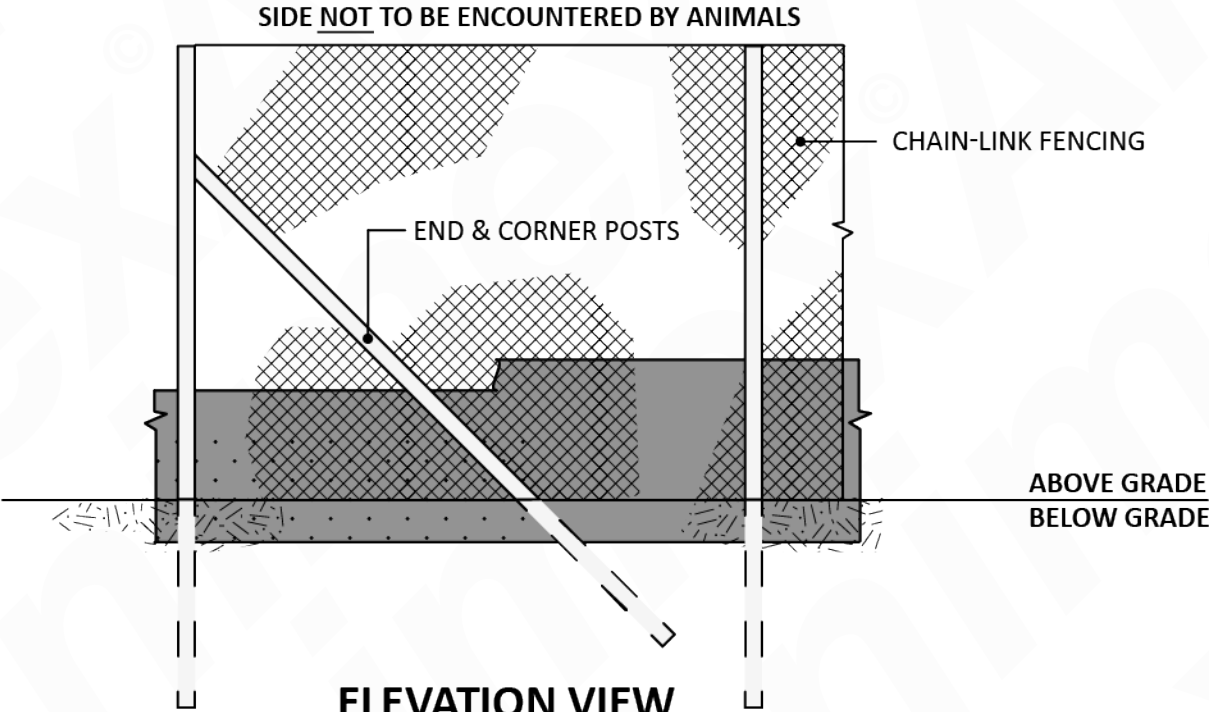
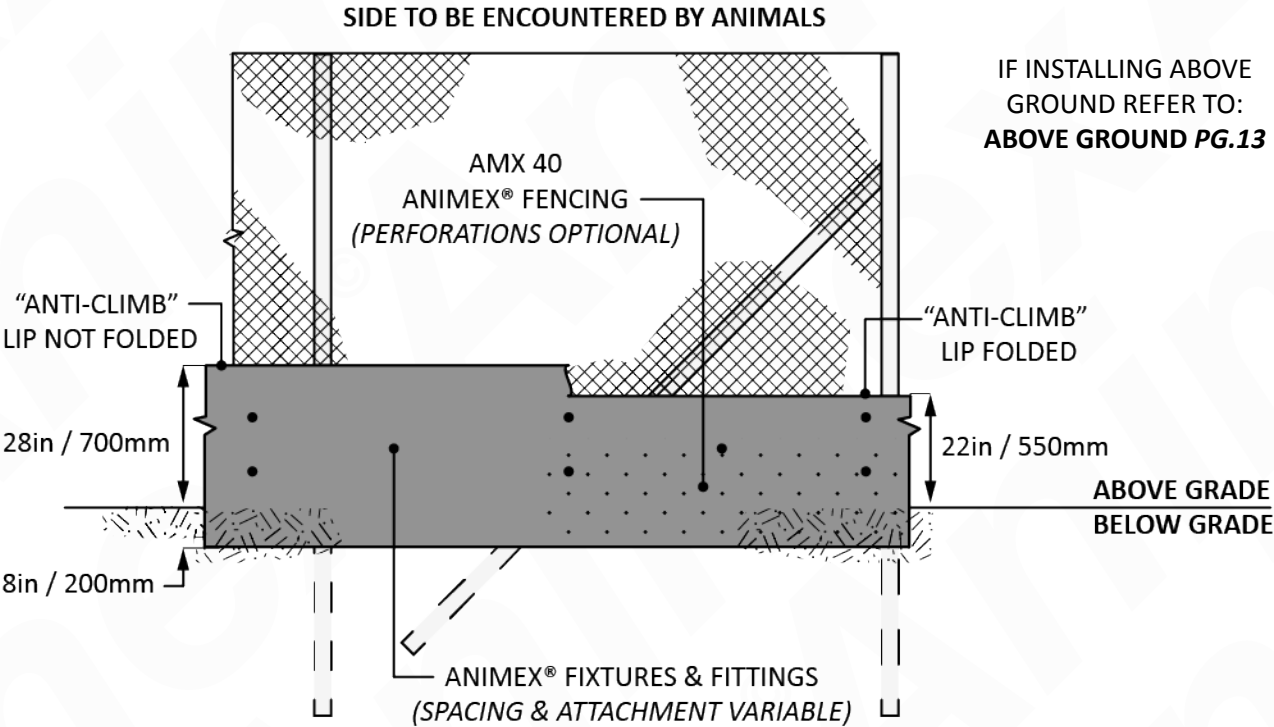


SECTION VIEW
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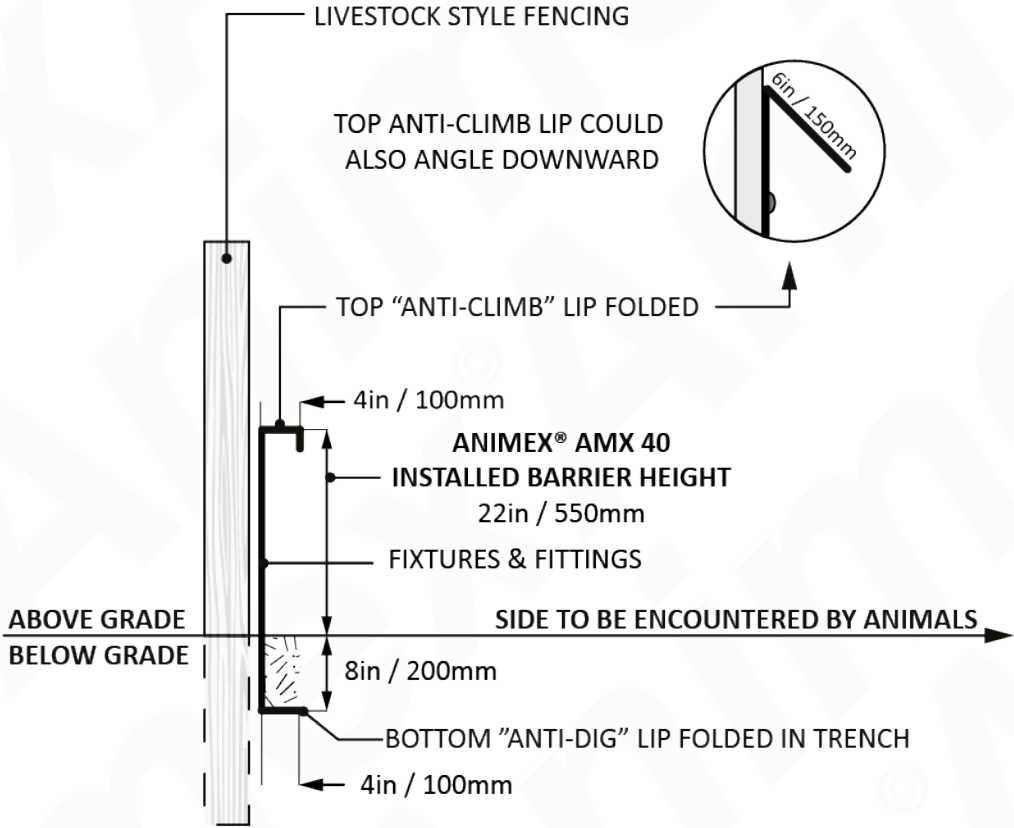
AMX 40
Attached Chain-link



ELEVATION VIEW
NOT TO SCALE

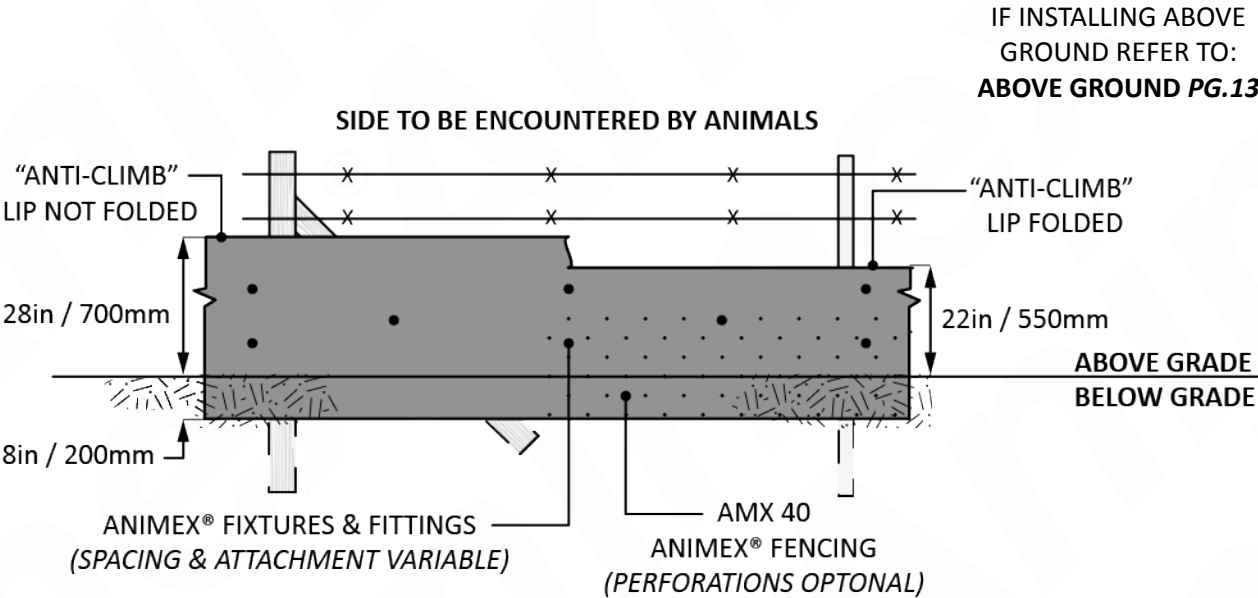
AMX 40
Attached Chain-link

● AMX 40 Attached Livestock

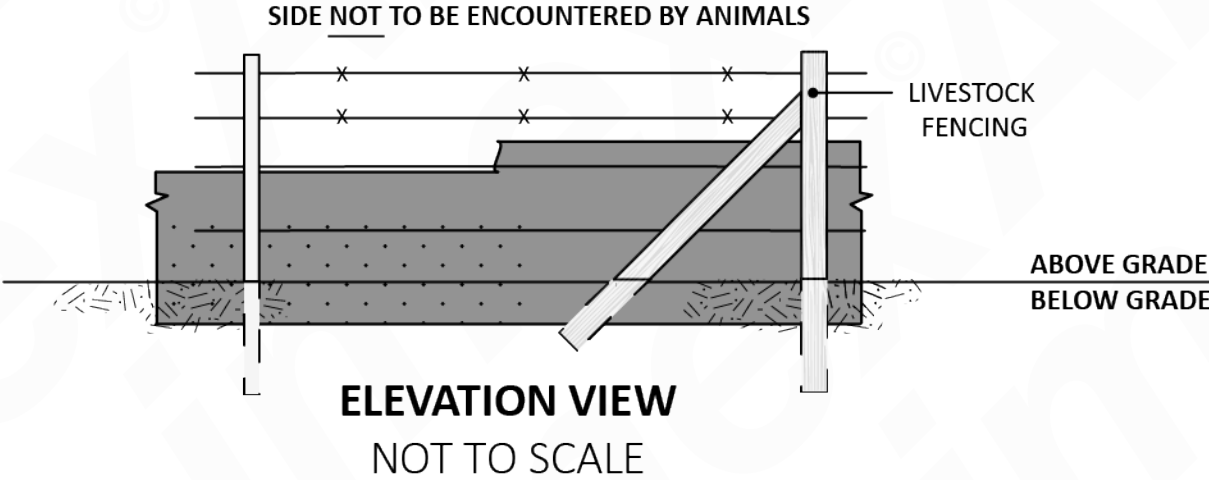


SECTION VIEW
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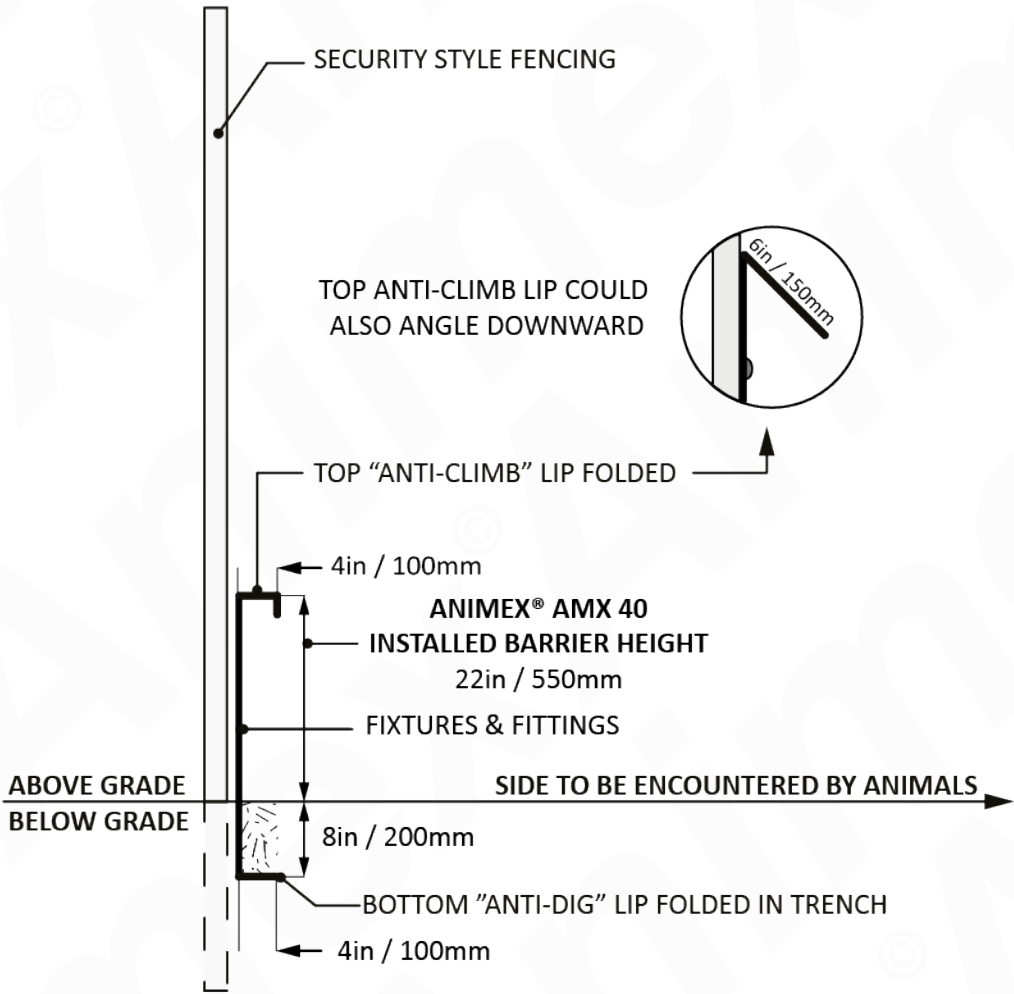
IF INSTALLING ABOVE GROUND REFER TO:
ABOVE GROUND PG.13



ELEVATION VIEW
NOT TO SCALE

NOTES:
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● AMX 40 Attached Security

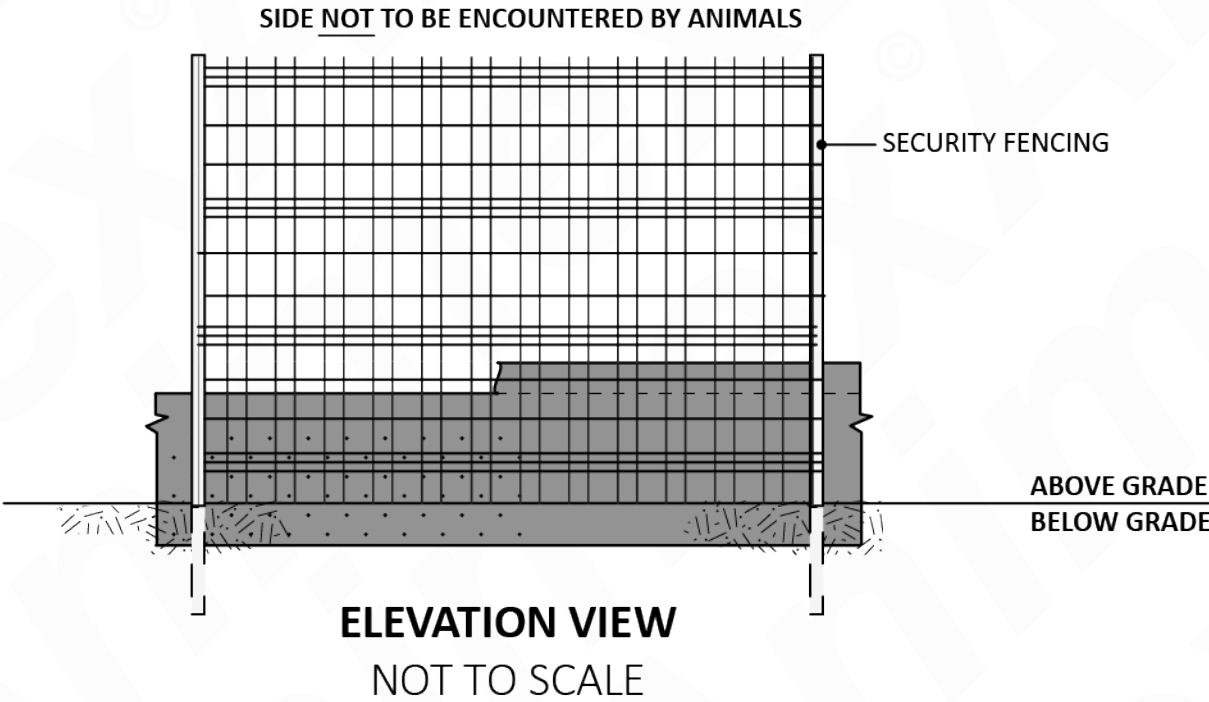
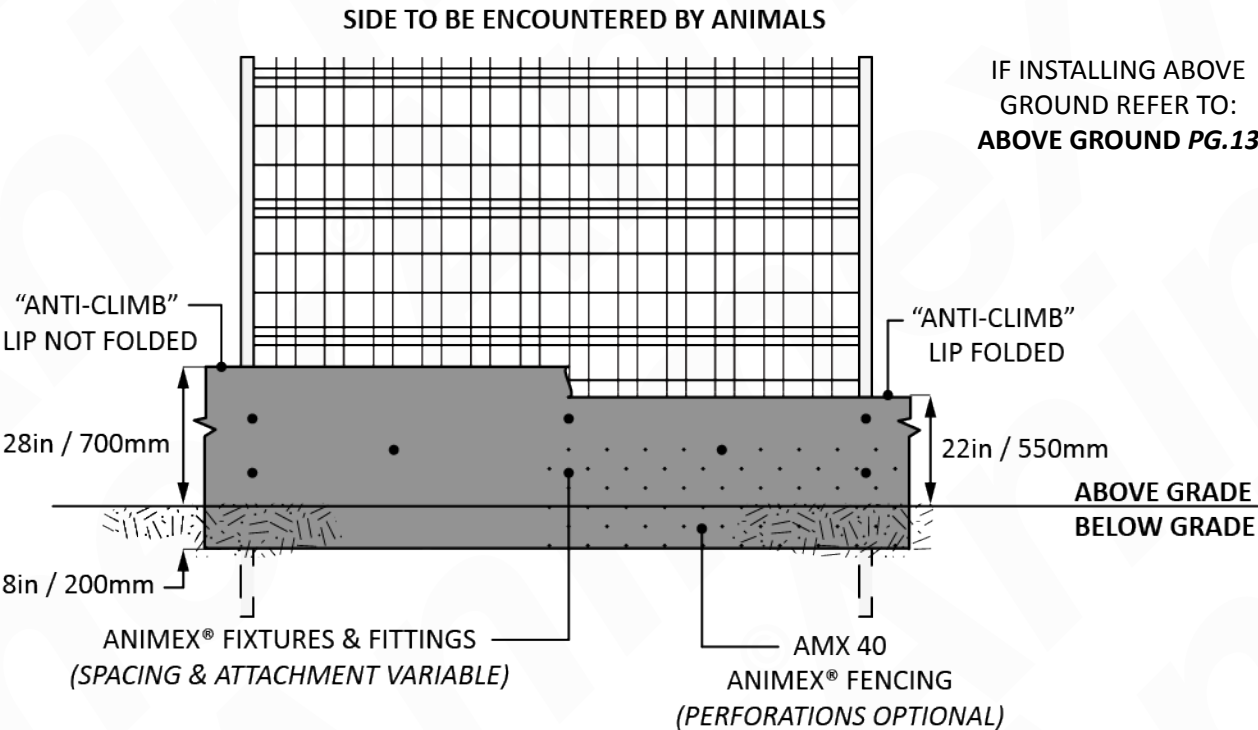


SECTION VIEW
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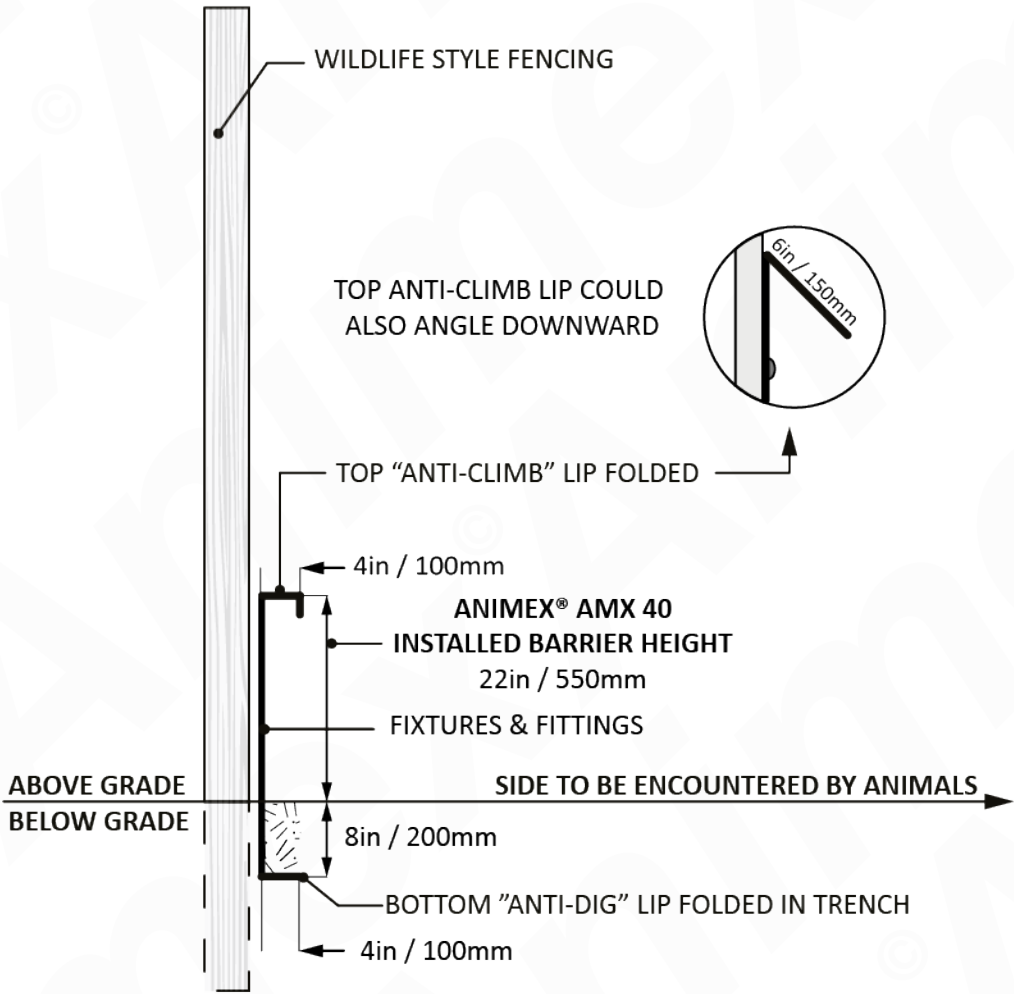
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AMX 40
Attached Security



AMX 40
Attached Security

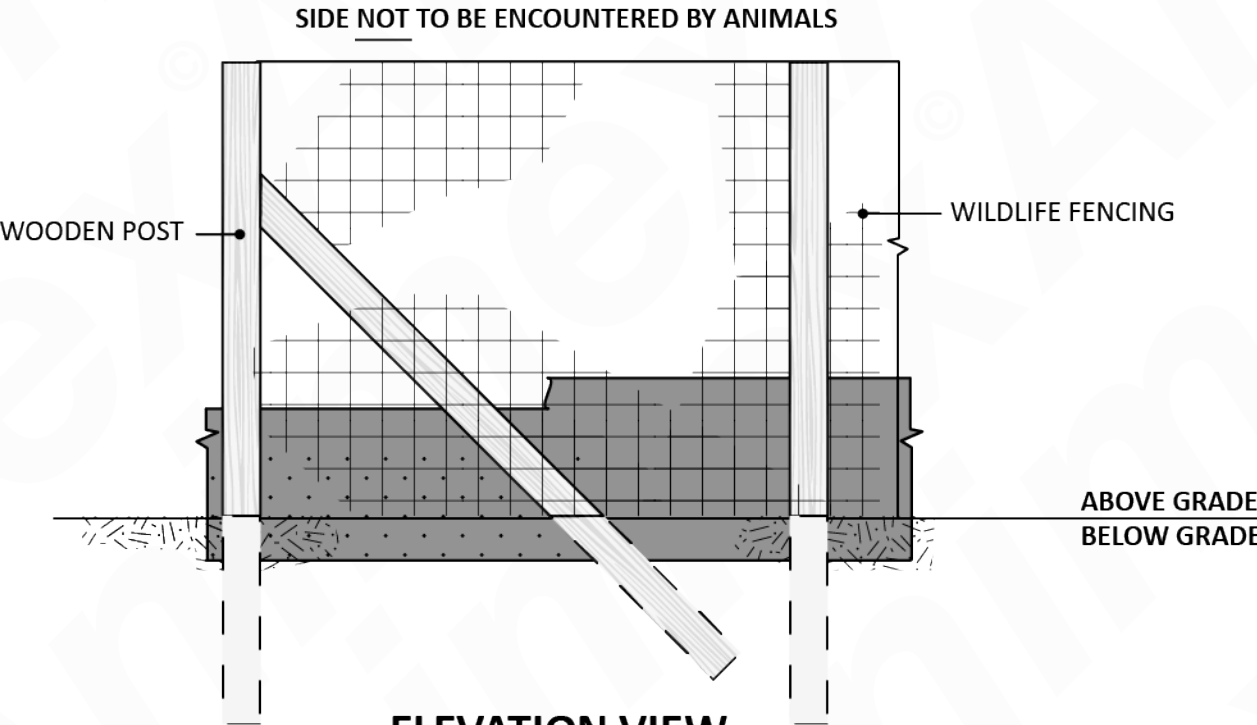
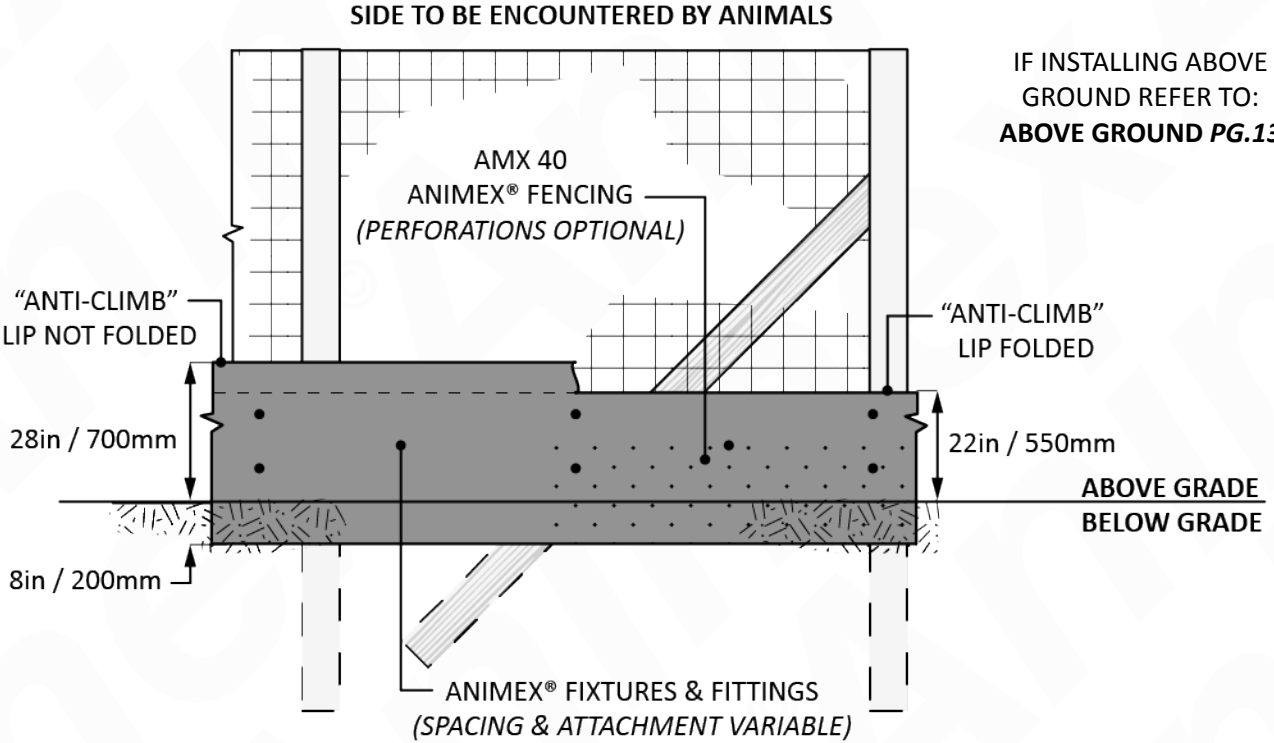
● **AMX 40** Attached Large Wildlife



SECTION VIEW
NOT TO SCALE

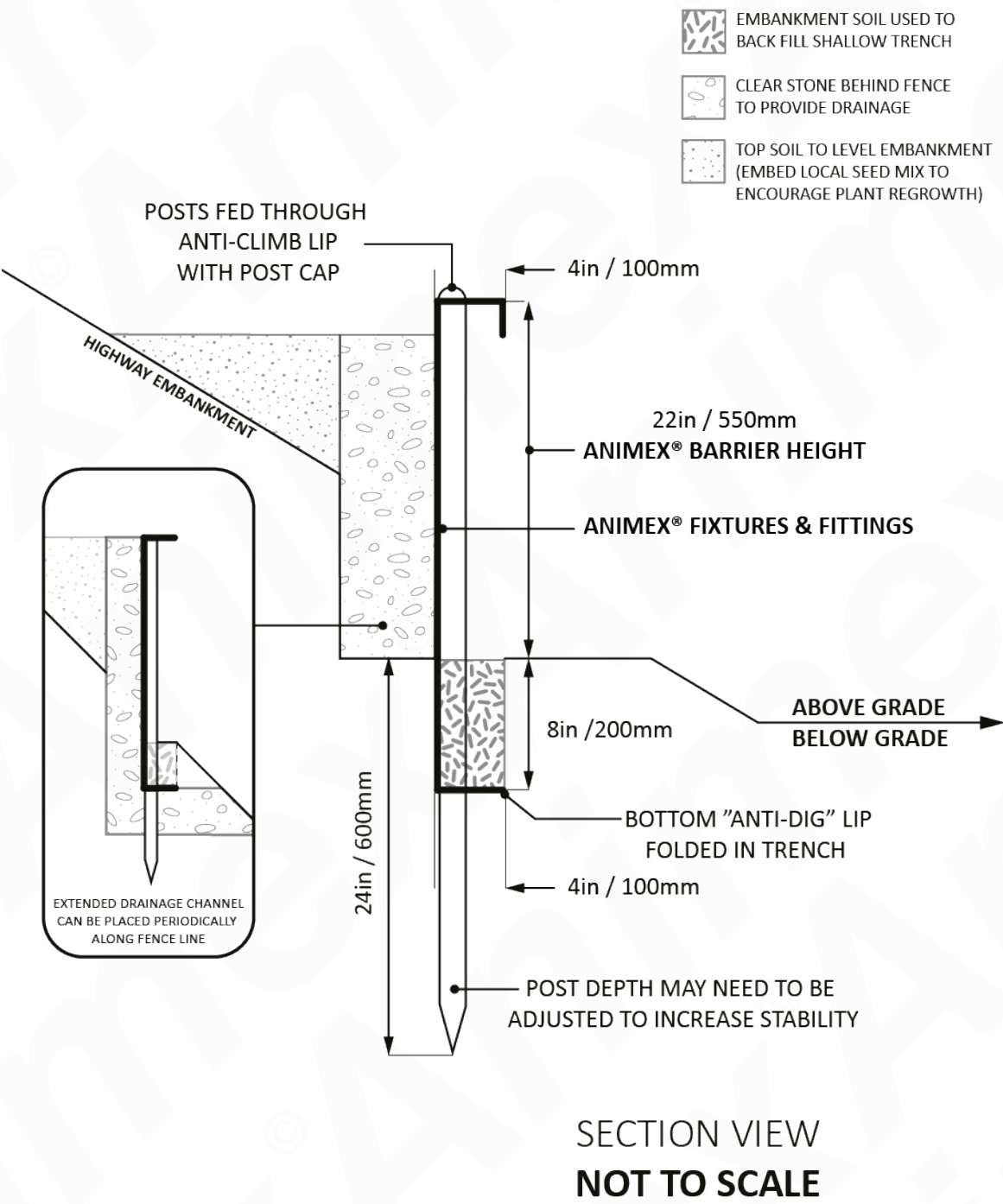
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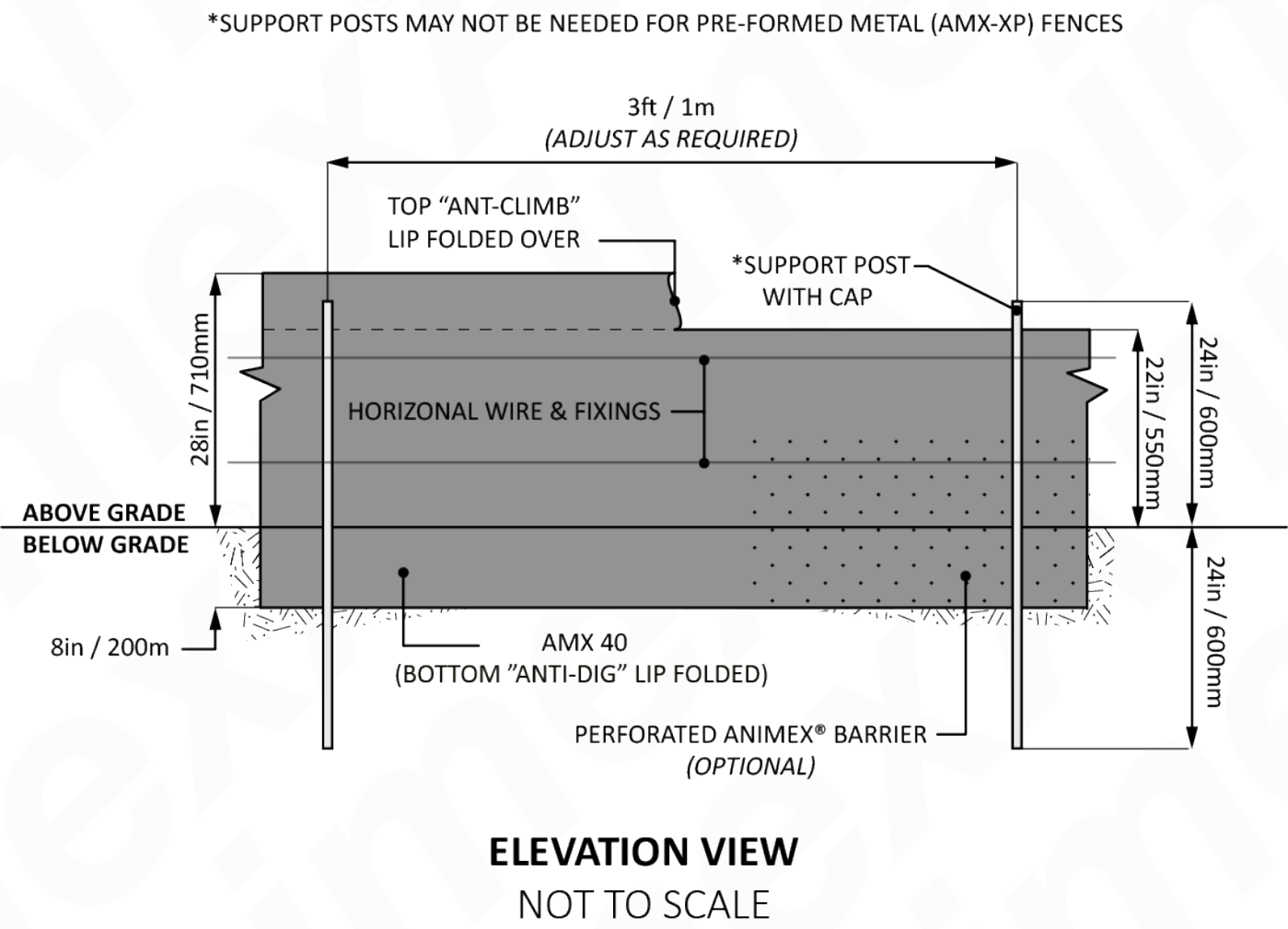


ELEVATION VIEW
NOT TO SCALE

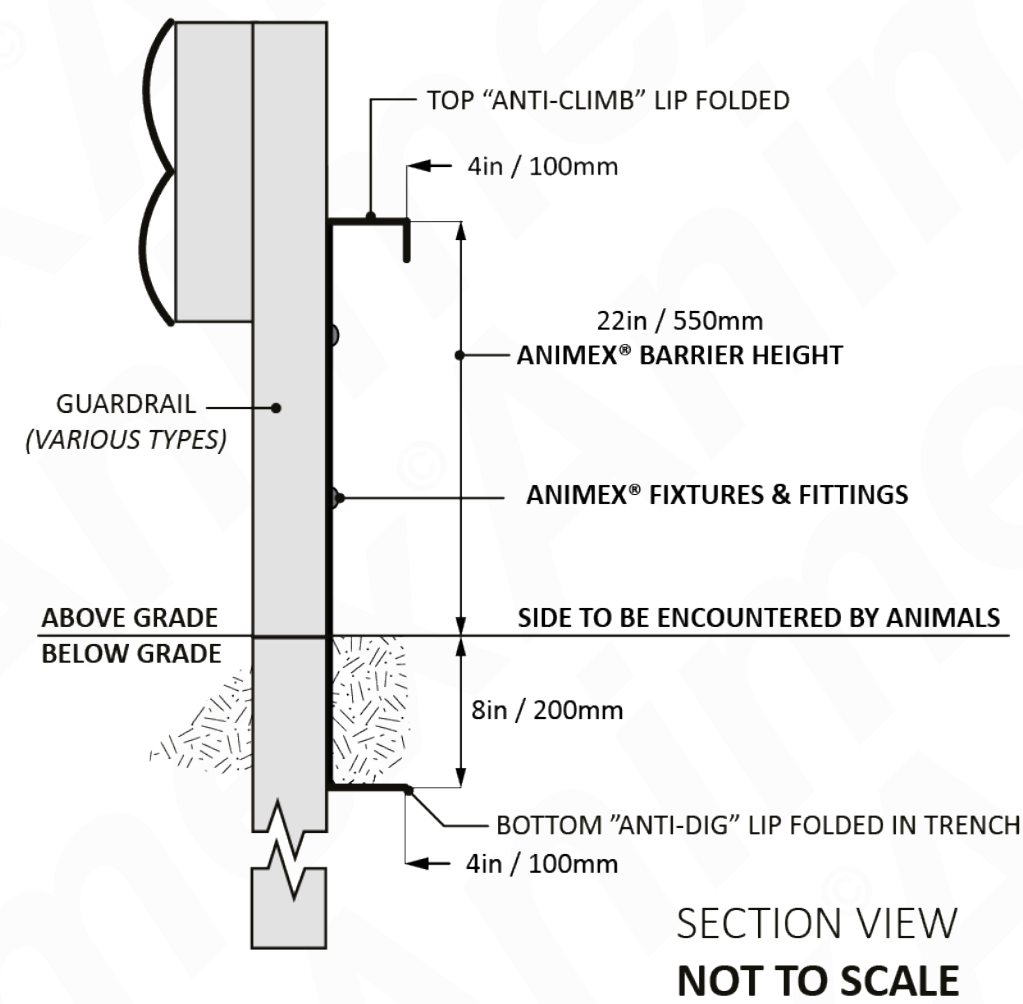
Specialized Fencing Specifications Roadside Embankment



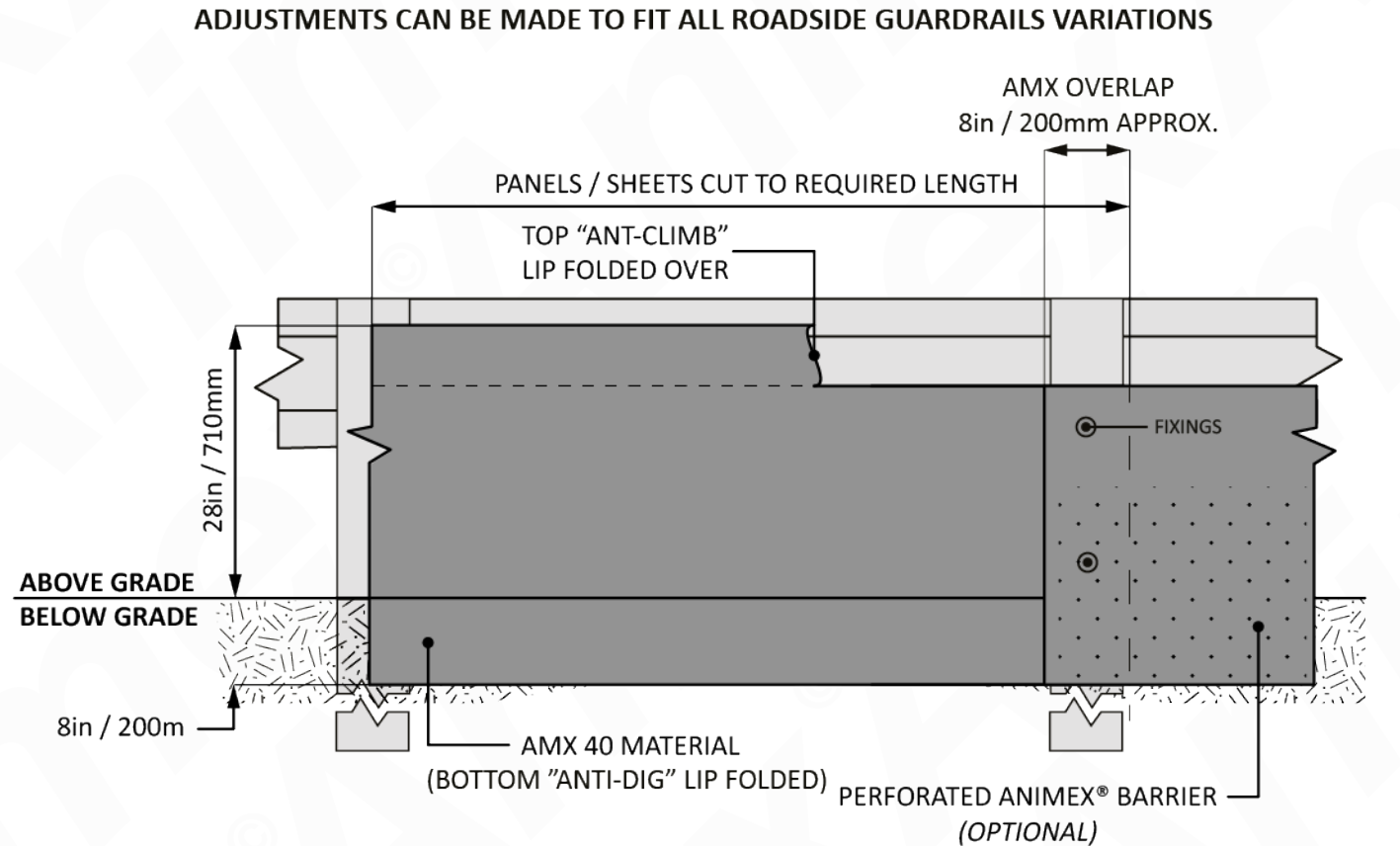
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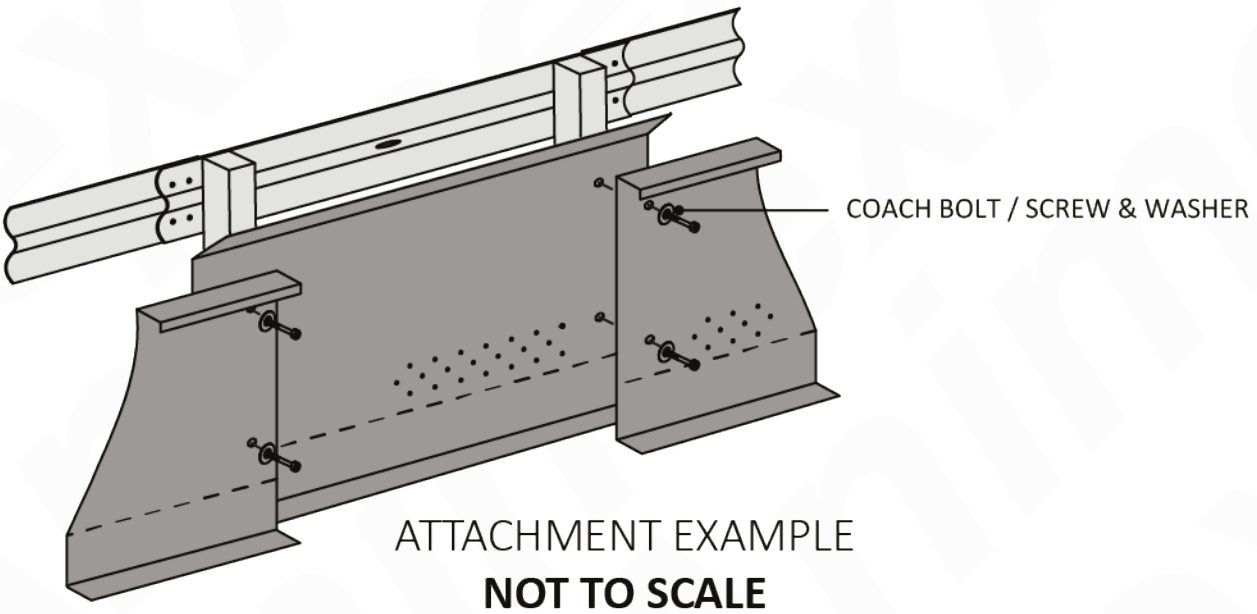
● **Specialized Fencing Specifications**
Roadside Guardrail



NOTES:
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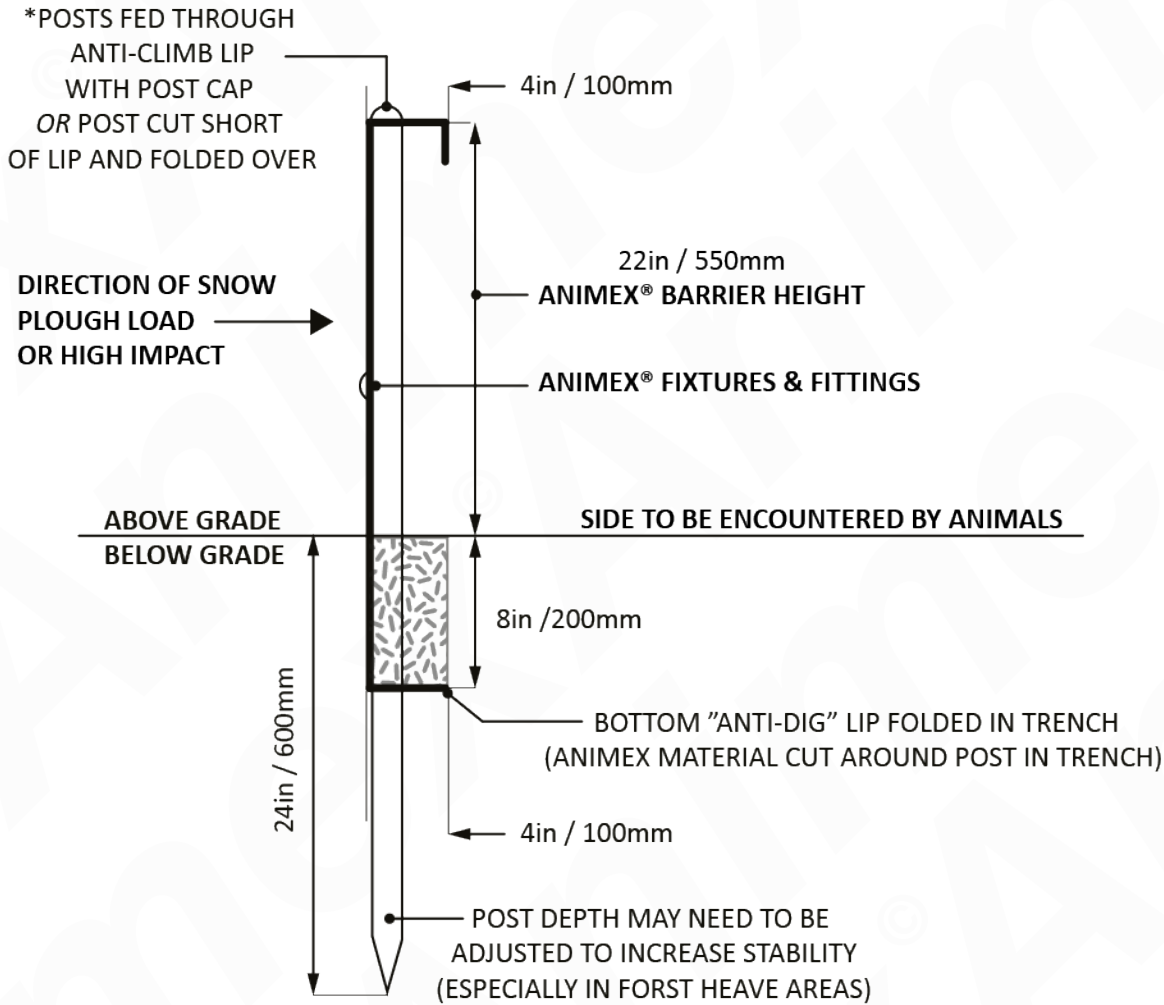
**ELEVATION VIEW- ANIMAL SIDE
NOT TO SCALE**



Specialized Fencing Specifications Snow Load / High Impact

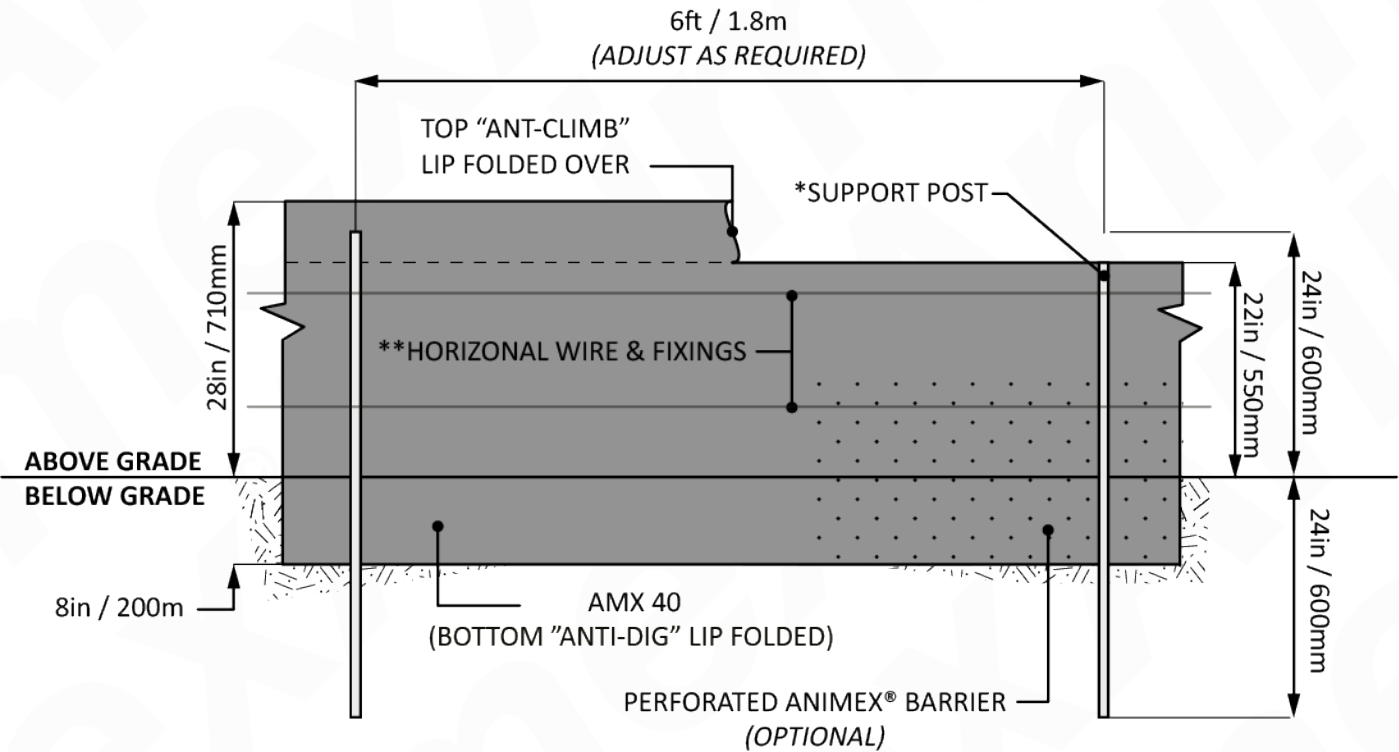
NOTES:
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Specialized Fencing Specifications
Snow Load / High Impact



SECTION VIEW
NOT TO SCALE

*SUPPORT POSTS MAY NOT BE NEEDED FOR PRE-FORMED METAL (AMX-XP) FENCES
**ADD WIRE & FIXINGS AS REQUIRED - 2 HORIZONTAL WIRES MINIMUM



ELEVATION VIEW
NOT TO SCALE

AMX-T / AMX-SP

General Description:
Specifically designed solid Animex wildlife fencing barrier to protect, exclude or guide wildlife.

Common Applications:
Roads
Construction sites
Scientific research
Conservation zones
Species re-introduction

Material Height:
1015mm (40in)
1070mm (42in)
1220mm (48in)
1550mm (60in)
Custom options available

Material Thickness:
AMX-T (Temporary): 1mm
AMX-SP (Semi-Permanent): 2mm

Material Properties:
Solid barrier - no mesh, matrix or geo-textile material
Made from High Density Polyethylene (HDPE) in North America
Grooves or scoreline 100mm (4in) from the top and bottom edge to create fold-able lips
Glossy surface on one side
Perforations to allow water flow (if required)
Supplied in sheets or rolls
Maximum weight per item 25kg (55lbs)

Installation:
See relevant drawings and guides displayed in this document between pages 6 and 29

AMX-XP

General Description:
Specifically designed solid Animex wildlife fencing barrier to protect, exclude or guide wildlife.

Common Applications:
Roads
Construction sites
Scientific research
Conservation zones
Species re-introduction

Material Height:
1015mm (40in)
1070mm (42in)
1220mm (48in)
1550mm (60in)
Custom options available

Material Thickness:
AMX-XP - (Permanent): 2mm

Material Properties:
Solid metal barrier - no mesh, matrix or geo-textile material
Made from weather resistant metals
Pre-formed with top and bottom lips (as detailed in drawing pg9)
Perforations to allow water flow (if required)
Supplied in sheets
Maximum weight per item 40kg (88lbs)

Installation:
See relevant drawings and guides displayed in this document on pages 8 and 9

This document is continually updated based on new research and information.

To ensure you are referencing the most recent version please contact:

info@animexfencing.com

FOR MORE INFORMATION OF WILDLIFE FENCING PLEASE VISIT:

WWW.WILDLIFEFENCING.COM

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www.animexfencing.com