



PRAIRIE GROVE CONSOLIDATED SCHOOL DISTRICT 46 **NEW FENCE WITH MASONRY PIERS**

09.11.2024
(UPDATED FOR BOE PRESENTATION: 10.23.2025)



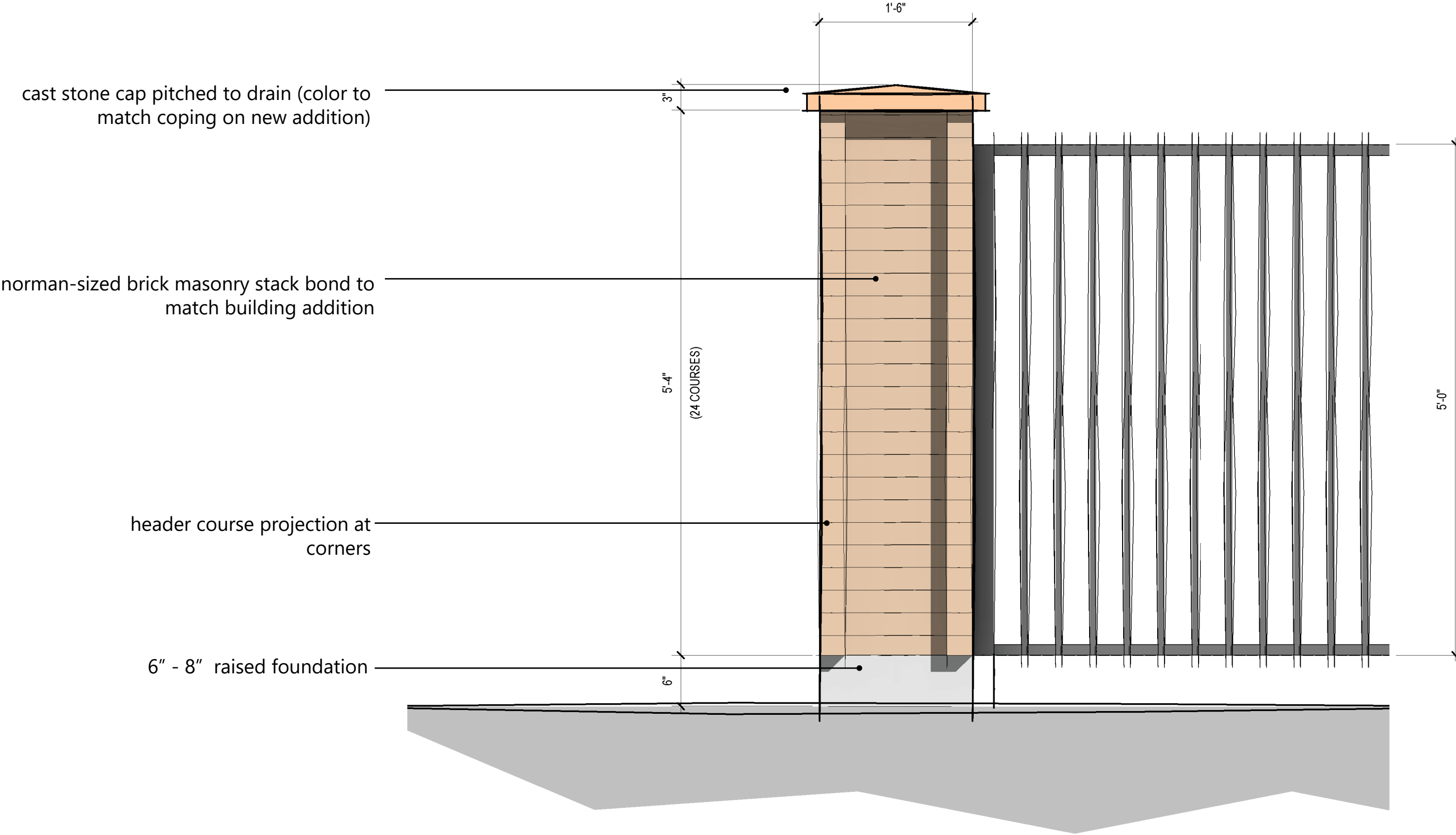
NEW PERIMETER FENCE CONCEPT
SCOPE AND EXTENTS



NEW PERIMETER FENCE CONCEPT
(2) 8 FT FENCE PANELS BETWEEN BRICK PIERS +/- 16 FT APART



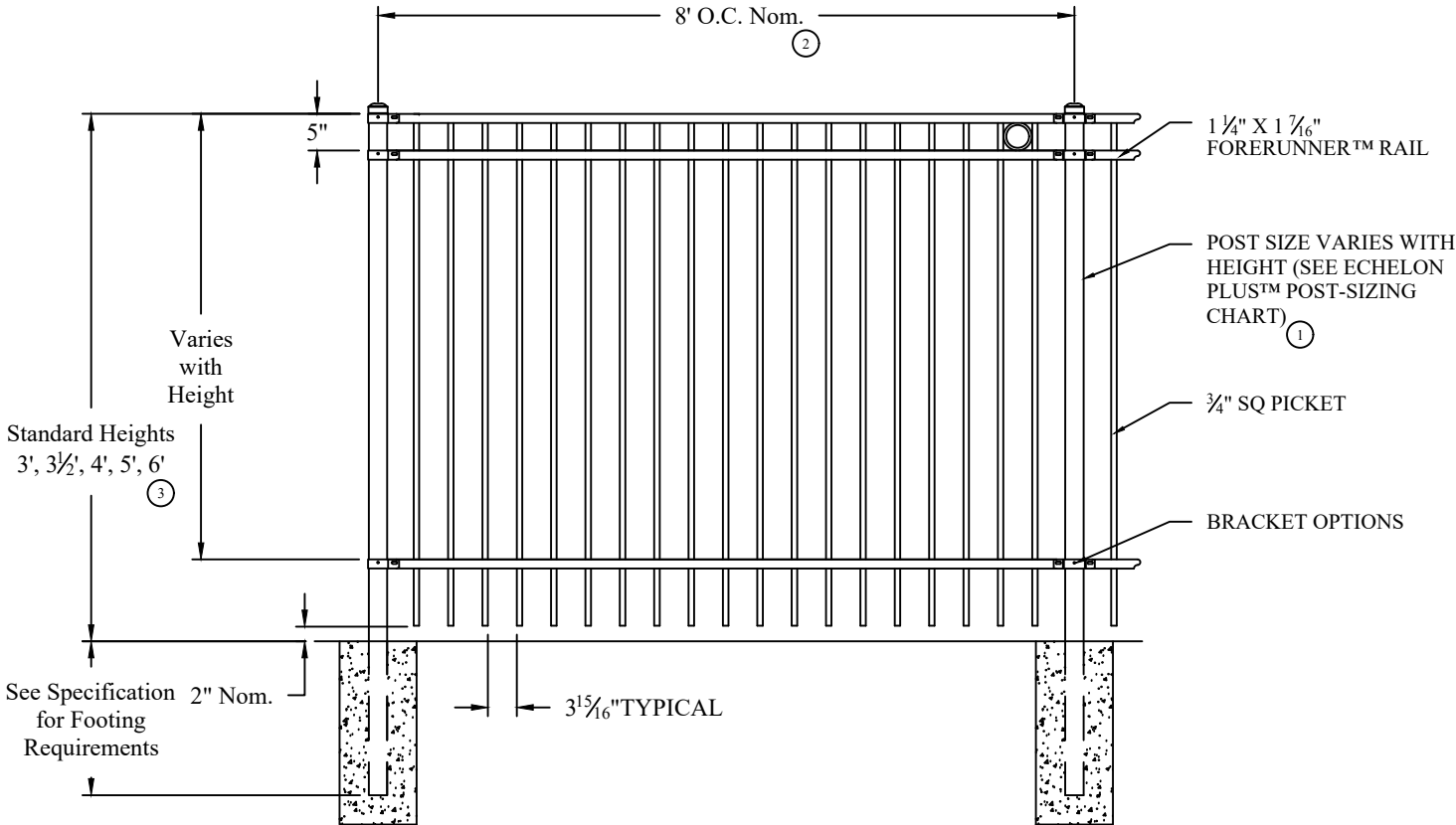
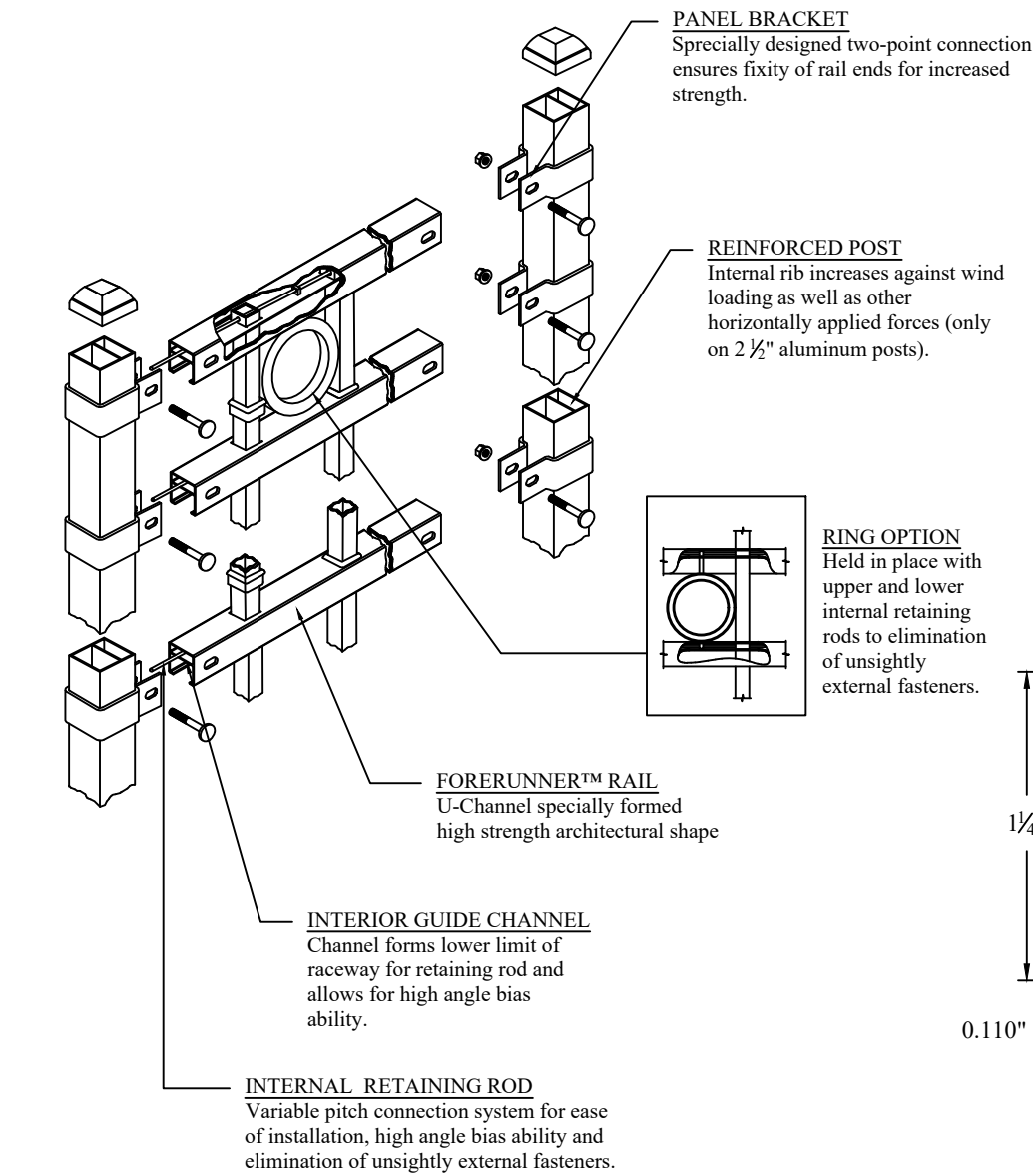
NEW PERIMETER FENCE CONCEPT
MASONRY PIER CONCEPT



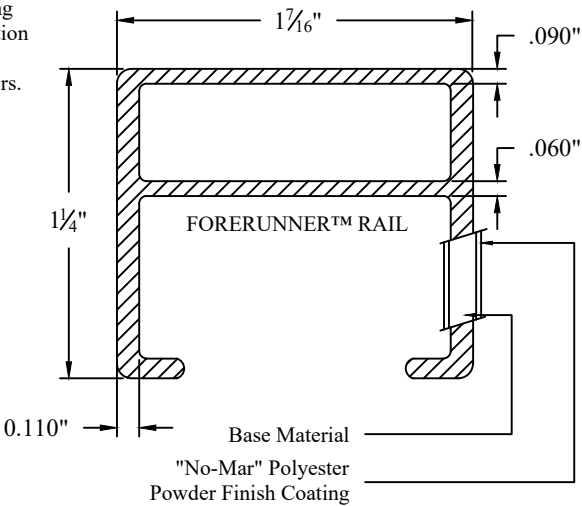
NEW PERIMETER FENCE CONCEPT
FENCE DETAILS

NOTES:

- 1. Post size and gauge depends on fence height and wind loads. See ECHELON PLUS™ specifications for post sizing chart.
- 2. Values shown are nominal and not to be used for installation purposes. See product specification for installation requirements.
- 3. Additional heights available by request.



ECHELON PLUS™
PANEL



ECHELON PLUS™ RAIL
or MONTAGE II - MAJESTIC

IBC COMPLIANCE
Majestic styles with 3-rail configurations shall meet IBC compliance. Panel, post and bracket assemblies shall be subjected to structural performance testing according to Chapter 17 - Structural Tests and Special Inspections - International Building Code (IBC) 2018. Physical testing to be completed by accredited third party testing facility. Completed assembly shall demonstrate loading capacity of 2.5 times prescribed design loads found in section 1607.8.1, 1607.8.1.1 and 1607.8.1.2 of IBC 2018 for Handrails and Guards.

Basis of Design
Ameristar Echelon Plus Ornamental Aluminum Fence

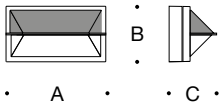
PANEL LENGTH.....8 FT

HEIGHT.....5 FT

STYLE....."MAJESTIC"

COLOR.....BLACK

NEW PERIMETER FENCE CONCEPT
LIGHT FIXTURE OPTIONS



Wall luminaires · Shielded				
	LED	A	B	C
22 649	3.8 W	8 3⁄8	4 3⁄4	4 1⁄4
22 656	7.9 W	11 1⁄8	6 1⁄8	5 3⁄8