



South Corridor Light Rail

LYNX
BLUE LINE



MULTI-USE PATH AMENITY STANDARDS

Specs at a Glance



South Corridor Light Rail - LYNX Blue Line Multi-Use Path Amenity Standards

The following standards for pedestrian lighting and decorative fencing have been established and approved by the Charlotte Area Transit System (CATS) and the Charlotte-Mecklenburg Planning Department. For further information, please contact:

Alan Goodwin,
Charlotte Mecklenburg Planning Department
704-432-3418
agoodwin@ci.charlotte.nc.us

Tina Votaw
Charlotte Area Transit System
(704) 432-3013
tvotaw@ci.charlotte.nc.us

Pedestrian Lighting

Location: Within the planting strip between the ballast curb and the multi-use path (locate adjacent to path).

Fixture Style: Deluxe Acorn
Color: black
Mounting Height: 12 feet

Available from Duke Energy



Pole: Style B
Material: aluminum
Color: black
Height: 12 feet

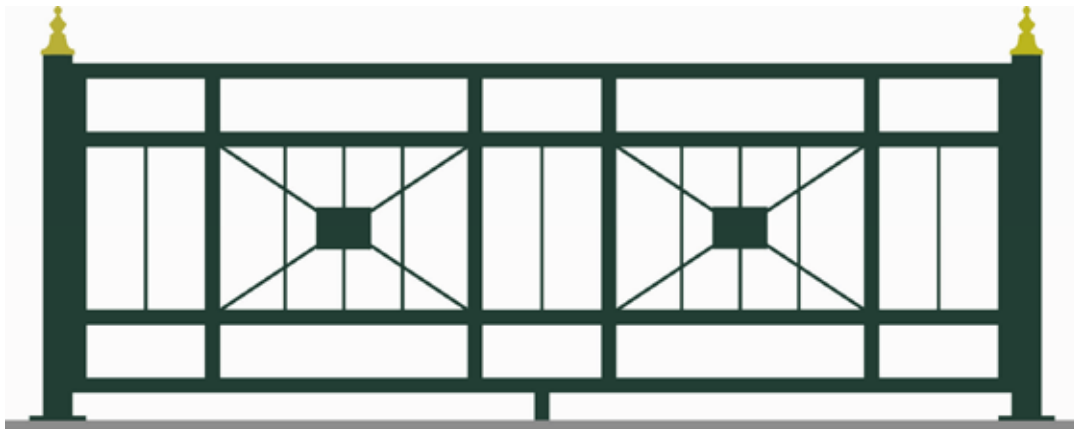
Available from Duke Energy



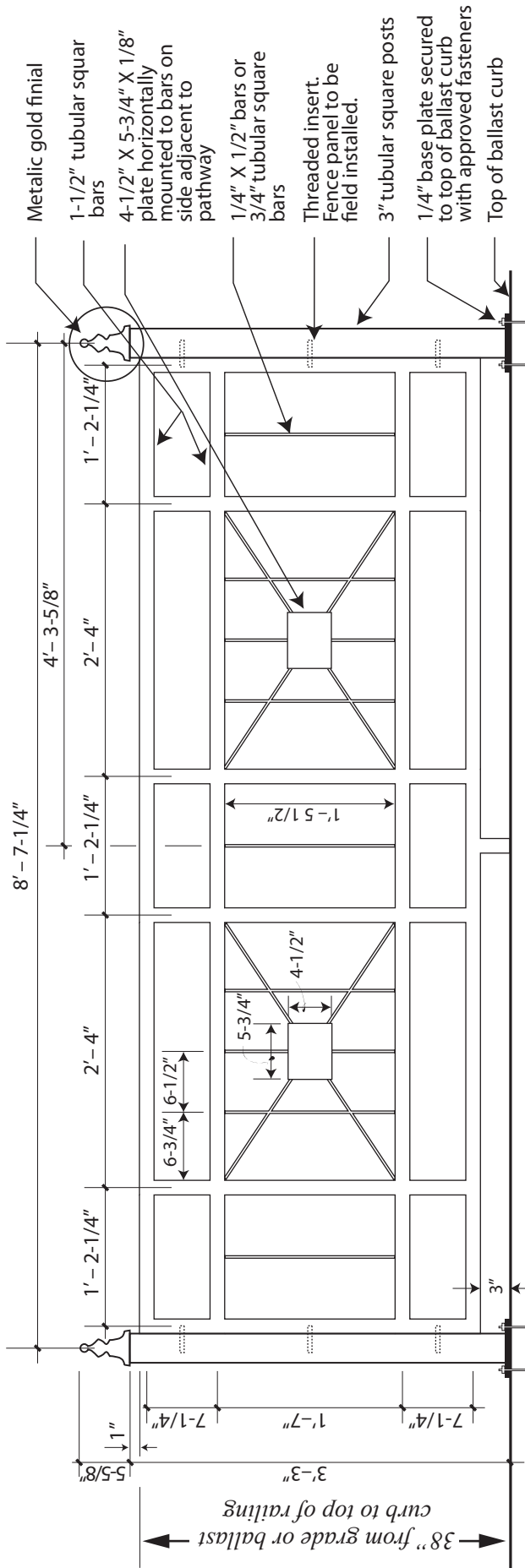
Decorative Fence

Location: Installed atop the ballast curb, immediately adjacent to the ballast curb, or in place of the ballast curb.

Material: aluminum tubing, bars, plates, and cast aluminum
Height (excluding finials): 38" along corridor from Seventh Street to Tremont Street; 48" south of Tremont Street.
Colors: fence to be Tryon Street Mall Dark Green (RAL #6012); finial color to be metallic gold.

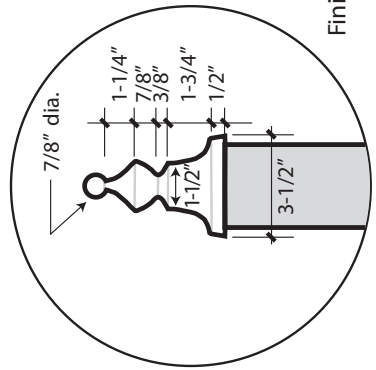


(This drawing is for illustrative purposes only. Measured drawings are available from the Charlotte-Mecklenburg Planning Department.)



- Metallic gold finial
- 1-1/2" tubular square bars
- 4-1/2" X 5-3/4" X 1/8" plate horizontally mounted to bars on side adjacent to pathway
- 1/4" X 1/2" bars or 3/4" tubular square bars
- Threaded insert. Fence panel to be field installed.
- 3" tubular square posts
- 1/4" base plate secured to top of ballast curb with approved fasteners
- Top of ballast curb

SEE ATTACHED SPECIFICATIONS

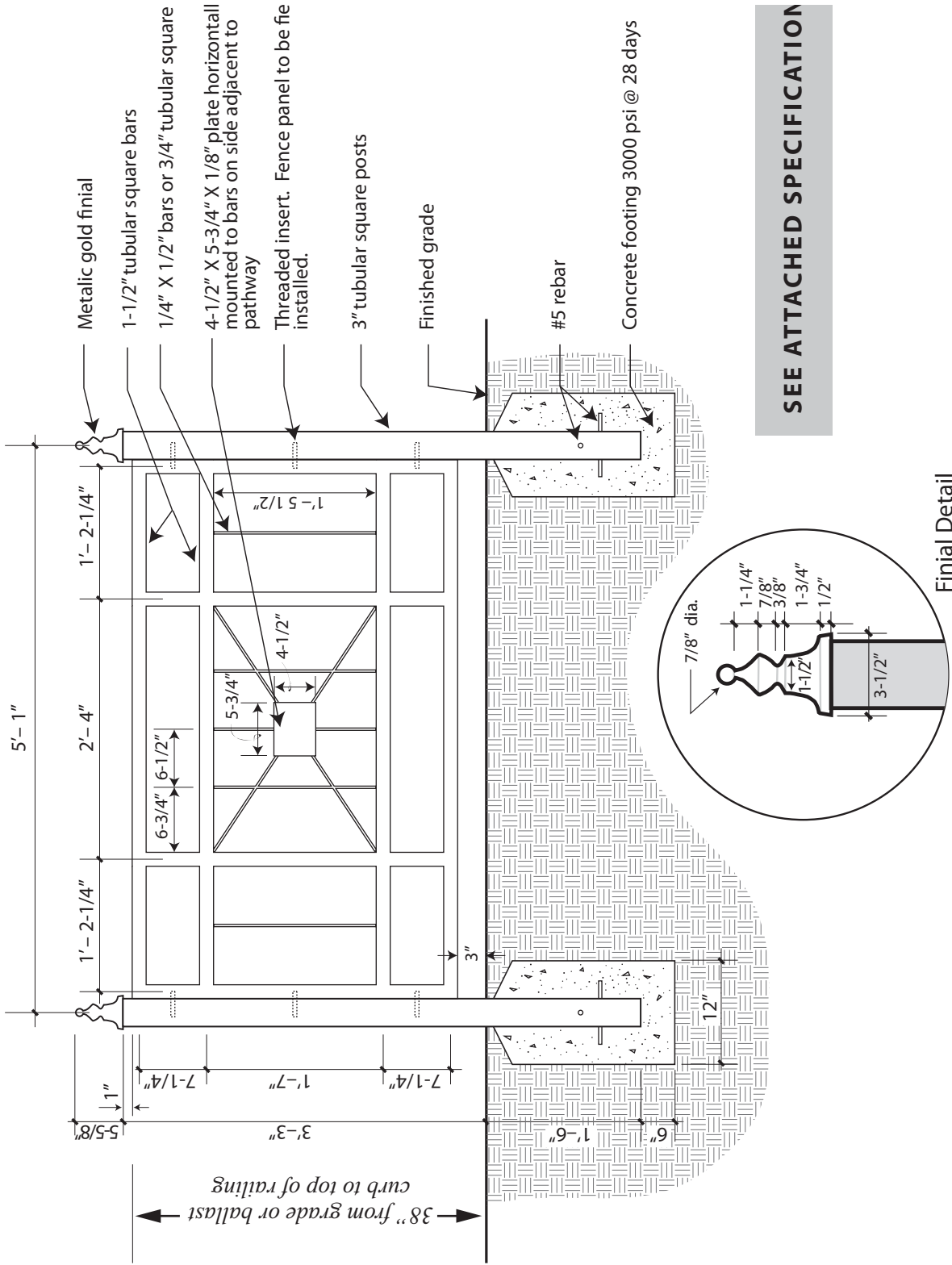


38" DECORATIVE PEDESTRIAN BARRIER - Panel Type A

Shown As Typical Installation Atop Ballast Curb

Charlotte-Mecklenburg Planning Department

Not to Scale
Revised November 6, 2008



38" DECORATIVE PEDESTRIAN BARRIER - Panel Type B

Shown As Typical In-Ground Installation

Charlotte-Mecklenburg Planning Department

Not to Scale

Revised November 6, 2008

South Corridor Light Rail - LYNX Blue Line Multi-Use Path Decorative Pedestrian Barrier

Suggested Basic Specifications

MATERIALS AND FINISHES

A. Aluminum:

1. Extrusions: Alloy 6063-T6, 6036-T5, 6005-T5 or 6061-T6 meeting ASTM B 221.
2. Extruded Bars, Shapes and Moldings: Alloy 6063-T52 or Alloy 6063-T6 meeting ASTM B 221.
3. Castings: Almag 35 meeting ASTM B 26.
4. All components shall be as detailed on the architectural drawings.
5. All components shall be factory welded one to another by AWS certified welders, except where splices are required.
6. Finish (refer to NAAMM Metal Finishes Manual).
7. Grout and anchoring cement are to be Bonsal Anchor Cement.

B. Finishes:

1. Powder coat or other approved durable factory finish.
2. Color to be Tryon Street Mall Dark Green – RAL #6012.

FASTENERS

1. All mechanical fasteners used shall be manufactured from stainless steel.

FABRICATION

1. All mitered and welded corners shall be ground down smooth before finishing unless otherwise noted.
2. Make exposed joints butt tight and flush.
3. Interior sleeves shall be used for typical splices.
4. Fasteners are allowed at splice connection.
5. Verify dimensions on site prior to shop fabrication.
6. Horizontal channels shall be punched to receive pickets and welds in this application and shall be concealed from view.
7. Provide weep holes when necessary to drain closed sections from pretreatment immersion and finishes. Provide weep holes when necessary for moisture from condensation to escape.